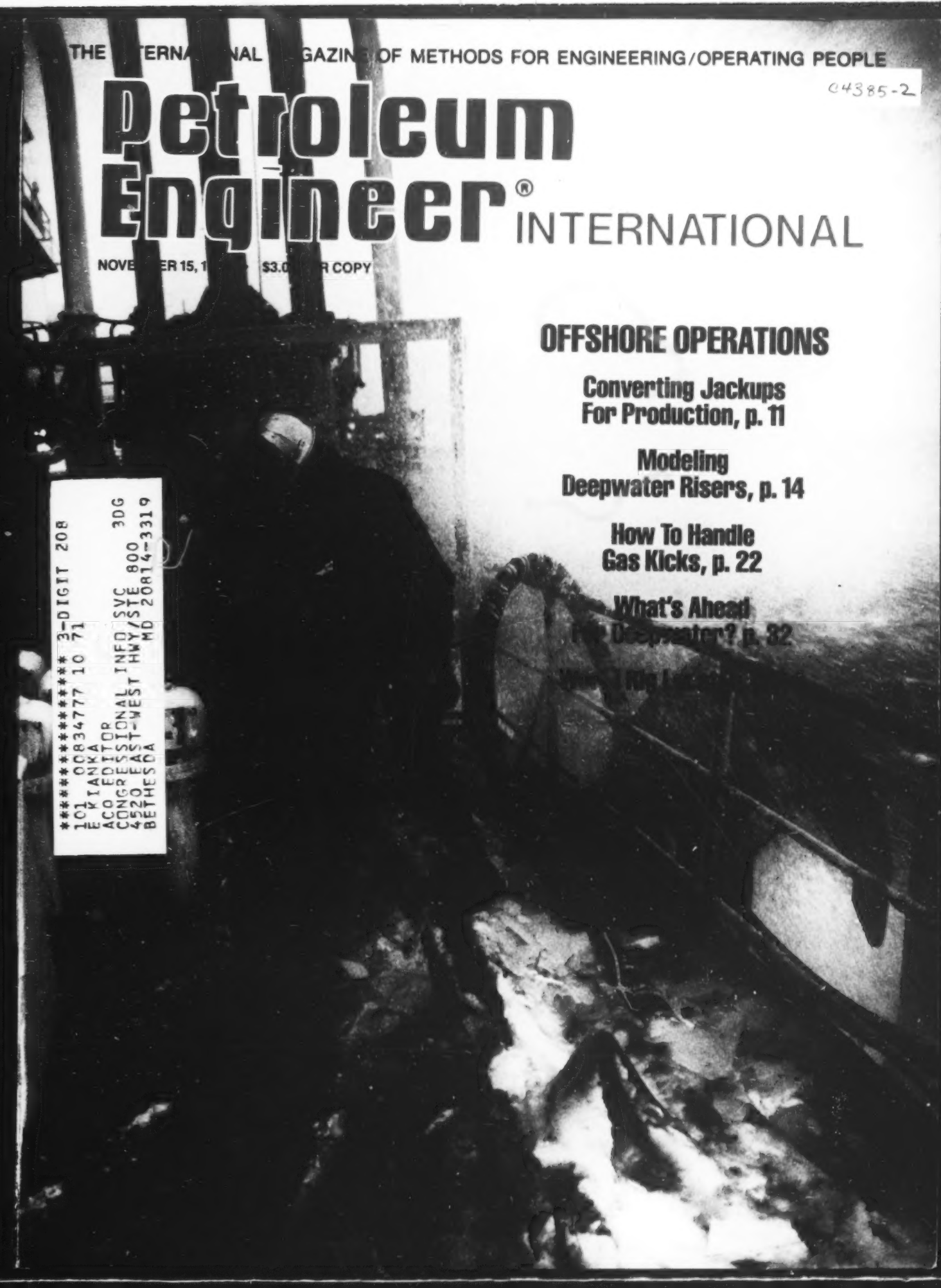
THE INTERNATIONAL MAGAZINE OF METHODS FOR ENGINEERING/OPERATING PEOPLE

04385-2

Petroleum Engineer® INTERNATIONAL

NOVEMBER 15, 1[illegible] $3.0[illegible] PER COPY



OFFSHORE OPERATIONS

Converting Jackups For Production, p. 11

Modeling Deepwater Risers, p. 14

How To Handle Gas Kicks, p. 22

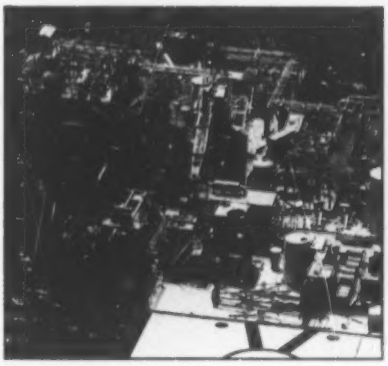
What's Ahead For Deepwater? p. 32

********** 3-DIGIT 208
101 00834777 10 71
E KIANKA
ACO EDITOR
CONGRESSIONAL INFO SVC 3DG
4520 EAST-WEST HWY/STE 800
BETHESDA MD 20814-3319

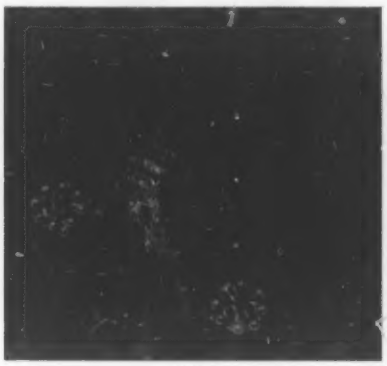
Petroleum Engineer® INTERNATIONAL

The international magazine of methods for engineering/operating people

NOVEMBER 15, 1984 NUMBER 14 VOLUME 56



11



32

R-1

OFFSHORE OPERATIONS

Odeco Succeeds With Converted Jackups 11

by Steven D. Moore, Drilling Editor. Actual conversion of the rigs into production platforms required few changes. The derricks and substructures were removed, reducing the overall deck load and adding more available deck space.

Modern Production Risers, Part 14 14

by George W. Morgan, Engineering Consultant. Riser-dynamics studies call for complete information on both forcing and response functions to be simultaneously recorded, along with related data on variations that occur at the boundaries.

How To Handle Acid Gas H_2S And CO_2 Kicks 22

by W. R. Matthews, Engineering Consultant. Predicting the behavior of a gas bubble is done by applying a basic physical law governing gas behavior. Namely, if the pressure on the gas is decreased, the gas will occupy more space.

What Structures To Expect For Deepwater Developments 32

by W. B. Bleakley, Editor. Design studies will concentrate on how to reduce weight and space requirements because payload magnitude and weight distribution needs will control stability and response of floating facilities.

World Rig Locator R-1

Almost 4,500 drilling rigs operated by 646 drilling contractors around the world are covered in an exclusive feature that includes rigs operating or available both on land and offshore. Some 1,003 of the listings are for offshore rigs.

DEPARTMENTS

NEWS HI-LITES 1	TECHNOLOGY TRENDS 8	NEW PRODUCTS 49
COURSE OF OIL 6	PETROLEUM PROFILES 45	INDEX TO ADVERTISERS 50

ABOUT THE COVER: This view of life offshore was taken aboard Sonat Offshore Drilling's semisubmersible John Shaw off the coast of Newfoundland. (Courtesy Sonat Inc. Photo by Ron Sherman.)

NEXT MONTH: This year's Area of Promise is Shallow Wells, and the December issue will focus on their technology as well as their impact on the oil and gas industry.

What Structures To Expect For Deepwater Developments

by W. B. Bleakley, *Editor*

The April and July 1984 lease sales in the Gulf of Mexico (Nos. 81 and 84) opened the door to speculation on the type of platforms or production facilities that will be selected for field development. Water depth covered by these lease sales varies up to 3,500 ft, calling for high technology to make field development economically attractive.

Despite the downturn in the economy, particularly in 1983, there has been no obvious slowdown in deepwater drilling (Table 1).

In 1982, 88 wells were drilled in water deeper than 600 ft. A slight decline in 1983 reduced this number to 80. Final totals for 1984 should show approximately 35, with another 20 off the Pacific Coast, most in water depths of approximately 1,000 ft. Much of this activity is related to recent offshore California lease sales.

In the U.S. Atlantic, five wells in deep water can be expected, one possibly in water 7,300 ft deep. We also expect at least 60 deepwater wells offshore eastern Canada. Outside North America, some 50 wells can be expected, mostly offshore Norway.

Conventionally, water 600 ft deep is assumed to be deep water. Diver operations there become difficult, cumbersome, dangerous, and expensive.

In the near future, deepwater operations can be expected in the northern North Sea, where hydrocarbons in commercial quantities have been found in water approximately 1,100 ft deep off Norway. Other northern North Sea areas, also bordering the 1,000-ft mark, are considered for development.

The most important considerations for any development are:

- Investment prior to production.
- Return of investment.
- Project duration before production.

R & D Needs To Reach Deepwater Goals

Topic	Benefit
Surface wave effects	Reduction of shear forces and overturning moments for fixed platforms
Directional sea spectra	Improved metal fatigue analysis for fixed structures and motion calculations for floating structures
Long period wind gust and wave environmental spectra	Improved long period and surge motion predictions for floating structures
Reducing weight and space requirements of equipment	Cheaper deepwater floating production facilities
High-pressure fluid swivel and high-pressure, large-diameter hoses	Makes tanker-based floating production systems possible
Motion dampening data for FPS	Improved motion predictions
Flexible transfer hose; dynamic, fatigue, and performance data	Improved design of flexible connections for floating production systems

It is necessary, therefore, to know what kind of structure one will use for development. Recent northern North Sea feasibility studies for platform development in 1,000 ft of water revealed what kind of expenditures are necessary. The results of these studies are summarized in Table 2. A payload of 30,000 tons was considered for all structures. The structural weight required to support such a deck load varies with the type of structure.

For a standard jacket, 75,000 tons of steel might be required for the jacket and piles. For a tension-leg platform, about 86,000 tons are required, while a guyed tower and a tanker-based or a semisubmersible-based floating production system require considerably less.

The cash layout also varies greatly. For a standard jacket, $300 million may be required for the as-installed structure alone, about twice as much for a tension-leg platform, $450 million for the guyed tower, and approximately $150 million for a floating production facility.

The lead time to production does not vary substantially for fixed or bottom-fixed structures, and it is only significantly shorter for the floating production system – about 2½ years after contracting.

Annual maintenance cost also must be considered in economic calculations. A standard jacket may require up to $100 million because of required joint inspections. A tension-leg platform might require half as much, while a guyed tower would be more, considering the uncertainty of inspection requirements for the guy lines. A tanker-based system might require less because very little of the structural part is located deeply under water.

Structure removal cost is not often discussed, but a jacket and guyed tower may require almost as much to remove as to install.

The first tension-leg platform, the 95-ft draft TLP for the Conoco Hutton field, was installed earlier this year. Set in 485 ft of water, the TLP has a maximum design capacity of 110,000 b/d of oil from a 32-slot preset seabed template.

Removal cost of a tension-leg platform or a floating production system is considerably less.

Gulf of Mexico Costs

Although the Gulf of Mexico has a much less severe environment than the North Sea, the cost of potential structural developments in deep water is impressive. In Fig. 1, the estimated development costs for a structure supporting 30 wells with 12,500 tons of payload on the deck are plotted as a function of water depth for various structure types. Well and production equipment costs are not included.

As shown, standard jacket developments can be expected up to a water depth of approximately 1,600 ft. Yard facilities and installation equipment are available for this. Guyed towers may adequately fill the gap from 1,500 to 2,000 ft. In 1,500 ft of water, standard jacket development may cost approximately $425 million; guyed towers for that water depth and up to 2,000 ft are approximately $500 million. Tension-leg platforms may be less costly than fixed platforms over the range of 1,500 to 2,000 ft of water, but floating production systems are expected to be substantially cheaper in the range of 1,500 to 3,000 ft.

Since the cost of production equipment is not included in Fig. 1, the cost of floating production facili-

MORE CASH
AND
LESS CARRY.
Due to its light weight, Reynolds Aluminum drill pipe is easier to handle than steel. So you can trip faster and make greater profits. Thanks to Reynolds Aluminum, smoother moves are a welcome savings you'll find easy to handle.
For more information, call: 1-713-558-4456.
REYNOLDS ALUMINUM

Circle 215 on Reader Service Card

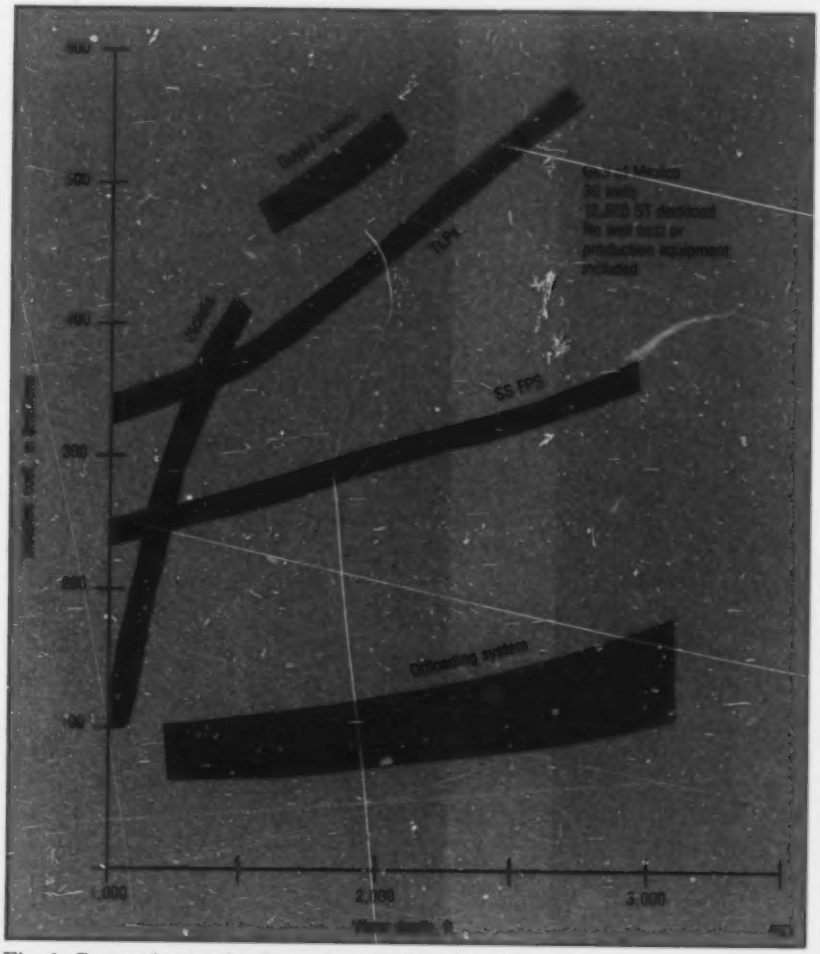


Fig. 1. Cost estimates for deepwater platform developments.

TABLE 1. Number of deepwater wells (water depth greater than 600 ft)

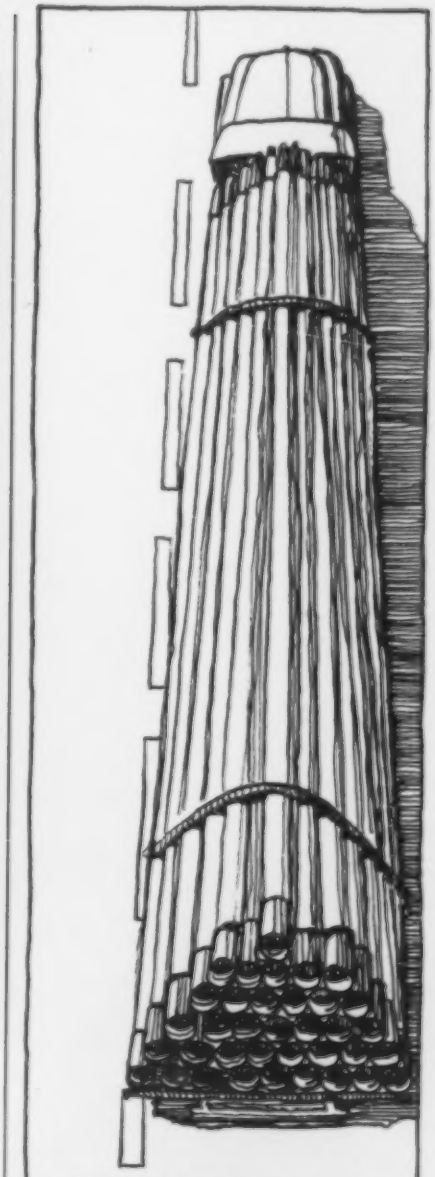
1970	10
1971	12
1972	9
1973	9
1974	18
1975	43
1976	72
1977	60
1978	51
1979	95
1980	80
1981	85
1982	88
1983	60

ties is perhaps shown too favorably. Expensive subsea wellhead completions and product transfer and control systems are necessary.

Without a pipeline, one must consider the need for an offloading system. One type of offloading system is shown in Fig. 2. In deeper water a tanker-yoke-buoy system probably will be considered because such a system has been proven in shallower water. A stiff-leg mooring is possible, but may not be developed for smaller fields because of the higher cost than catenary mooring.

The fluid transfer from the seabed to the buoy also requires some development of technology. It is anticipated that a flexible transfer hose will be used, connected to a base template with a full joint-type connection. Near the water surface it connects to a buoyancy tank, then to the buoy. This buoyancy tank must be located close to the sea surface, as a deeply located buoy would behave like a surfacing rocket in case of hose failure.

Design technology for this application is in its infancy. Nevertheless, preliminary cost studies have been prepared (Table 3). Noncontingencies were added in Table 3, so the numbers shown are lower than those in Fig. 1. *(Continued)*



REDUCED RATES FOR LIGHTWEIGHTS.

Lighten your load with Reynolds drill pipe and you can travel for a lot less. Because a truck can carry up to 60% more aluminum drill pipe than it could with steel. And that will reduce your transportation costs substantially. With Reynolds Aluminum, you'll always have room for more savings.

For more information, call: 1-713-558-4456.

REYNOLDS ALUMINUM

Circle 217 on Reader Service Card

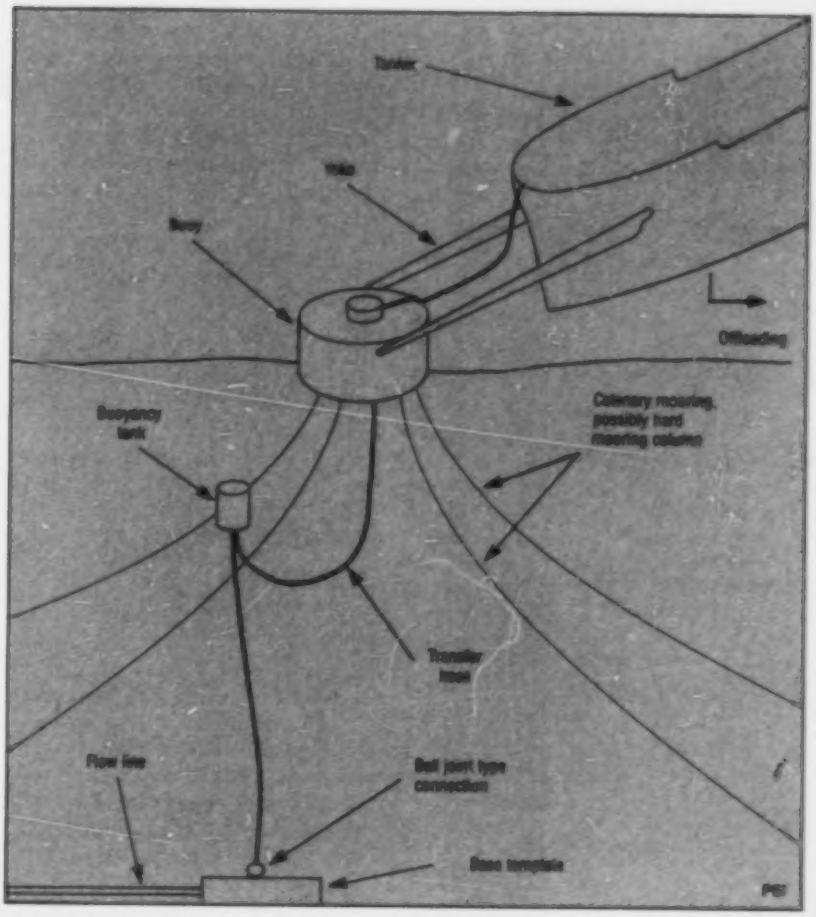


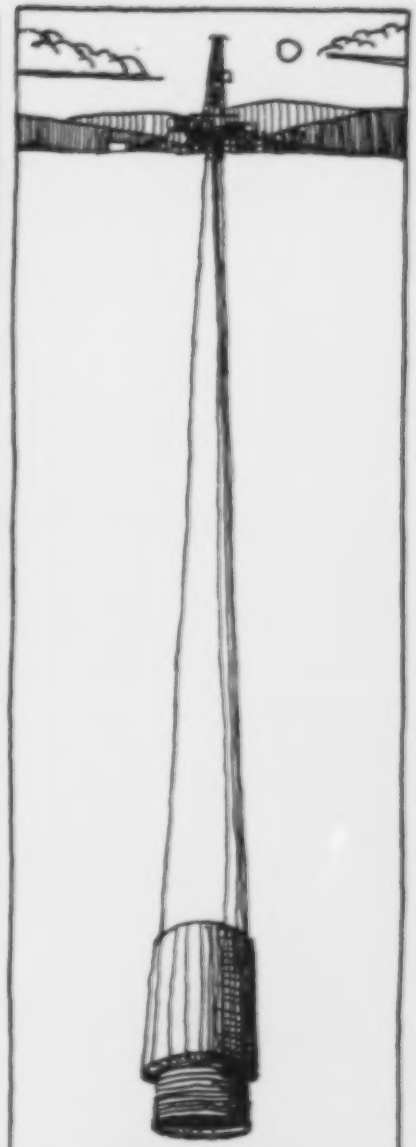
Fig. 2. Weathervaning tanker storage and offloading system.

Mooring in deep water is not cheap. Mooring a tanker to a buoy in 1,000 ft of water may cost $45 million, as Table 3 shows. Even this mooring system may require some new developments. A taut mooring system may be required to connect to driven piles, because seabed abrasion by sand on mooring lines must be prevented.

Current practice for semisubmersibles in the North Sea dictates that anchor lines which run over the seabed are modified every 3 months by changing anchor locations or paying out line to prevent chafing of the chains over the seabed. Underwater pile driving equipment for anchor piles for the catenary mooring systems, and for structural piles, in 3,000 ft of water is currently not available but can be developed. The technology for such a pile installation is available.

Cost figures in Fig. 1, Table 2, and Table 3 indicate floating production facilities must be seriously considered. The industry has experience with such systems in the Brazilian Garoupa field, the North Sea Argyll and Buchan fields, and Sun Oil will install one in the Balmoral field in the northern North Sea. These systems have no high pressure or water injection from the floater. Excess gas is flared. However, for developments now foreseen, gas and possibly water injection cannot be avoided if pipelines do not exist. Therefore, high-pressure hoses must be available if floating production facilities are to be used at all.

If the floating system is based on a weathervaning tanker system, a high-pressure liquid and gas transfer swivel also is required. Without it such a system is impossible. Industry is currently developing the technology and production capability of both the high-pressure hoses and the high-pressure fluid swivel transfer systems. Shell UK installed a successful weathervaning



REACH NEW ALL-TIME LOWS.

As you're drilling for dollars, remember that Reynolds Aluminum can increase your drilling rig's depth capacity by as much as 40% in air, or 100% in 10 lb. mud. Without the added expense for a new, larger rig. With Reynolds Aluminum drill pipe, you'll drill to greater depths while your profits soar to new heights.

For more information, call: 1-713-558-4456.

REYNOLDS ALUMINUM

Circle 219 on Reader Service Card

Before You Go To Sea...See Engelhard

The Experts In Corrosion Protection and Fouling Control.

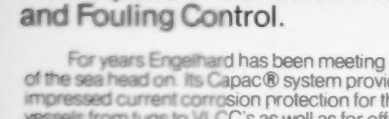
For years Engelhard has been meeting the challenges of the sea head on. Its Capac® system provides reliable impressed current corrosion protection for thousands of vessels from tugs to VLCC's as well as for offshore rigs.

The Chloropac® system, with its efficient modular design, provides continuous-fouling control through electrolytic hypochlorite generation from sea water.

Capac®

(Cathodic Protection Automatically Controlled)

■ Extends period between dry dockings ■ Lowest installed cost ■ Reduces fuel costs ■ Less painting and hull maintenance ■ Simple operation controls corrosion even under varying hull coatings, speeds and water conditions ■ Maritime Regulatory Agency and Classification Society approval ■ Suitable for any type vessel or offshore rig ■ Backed by Engelhard ... the only company in the world to design and manufacture components, and refine its own precious metals for anodes ■ The permanent answer to short term sacrificial anodes and special coatings.



Chloropac®

Controls marine fouling with treatment of less than ½ part per million hypochlorite ■ Eliminates fouling heat exchangers ■ Water boxes and sea chests stay clean ■ Surface condensers maintain heat transfer rate and reduce fuel consumption ■ Keeps piping clean reducing fouling induced erosion corrosion ■ 5-year warranteed cell life*

Find out how you can go to sea, safely and economically with Engelhard Systems.

For more information and no-obligation evaluation assistance, call (201) 964-2766 or write Engelhard Corporation, Systems, 2655 U.S. Route 22, Union, NJ 07083.

*Pro-rated replacement charge based upon current cell selling price and time remaining in 5-year warranty period.

ENGELHARD

floating storage facility in its Fulmar field. This tanker-based system does not carry production facilities, as processing of the crude oil takes place on a nearby platform.

Shell Tunirex uses a gravity-base single anchor mooring system equipped with a high-pressure swivel in its Tazerka field off Tunisia (PETROLEUM ENGINEER INTERNATIONAL, October 1983, p. 44).

Structural Concepts Compared

Predrilling of wells is required for early production systems. This is most economically accomplished if a TLP or floating production system is used. Wells predrilled through a template under such a structure are easily serviced from the structure's deck, at the rate of about 20 per year per service rig, because of fairly easy access to the well bore.

Subsea completions predrilled for early production, whether through a template or at single locations throughout the field, require the use of a floating servicing rig. And the time needed for each entry to the well bore is greater, since the Christmas tree is on the ocean floor. The capacity of a floating servicing rig is only about 20 service jobs each year, resulting in much higher costs. Subsea completions have the advantage of providing for development of a larger field because wells can be placed anywhere on the ocean floor, with a minimum of directional drilling required. A major disadvantage is the congestion created on the seabed by the large number of flow lines, control lines, and communication cables.

For the northern North Sea area, payload capacity may be a problem for a semisubmersible-based floating production facility. This makes a tanker-based system more attractive, but tanker-based floating production facilities require more development, in terms of high-pressure swivels and high-pressure hoses.

Earthquake sensitivity is low for floating systems but high for fixed structures. And there is a difference in the amount of damage if a blowout and a subsequent fire occur. For a floating facility, one can simply cut the mooring lines and move off location; a fixed facil-

TABLE 2. Comparison of deepwater structural concepts for the North Sea in 1,000 ft of water

	Fixed platform	Guyed tower	TLP	Stiff leg, tanker-based FPS	Semisubmersible-based FPS with flexible risers
Lead time to positive cash flow, years	5	5	5	2½	2
Structural weight, ST	53,000	25,000	70,000	Tanker + 5,000	Semisubmersible + 3,000
Pile weight, ST	22,000	10,000	16,000	2,500	5,000
Platform cost as installed, MMS	300	450	600	150	150
Annual maintenance cost, MMS	100	150	50	20	20
Structural removal, MMS	200	250	75	50	20

TABLE 3. Cost of deepwater offloading system (30,000 b/d production), in MMS

Water depth, ft	80,000-ton tanker + conversion	Yoke + buoy + swivel	Buoy mooring	Flex base	Hose template	Total
1,000	20	10	8	2	5	45
3,000	20	10	45	4	6	84

ity or a TLP stands to suffer a substantial amount of damage.

Improvements to the available technology and in the theoretical capabilities of the designers are only needed for deepwater facilities which rely on floating production systems. For deepwater fixed platforms, fabrication capacity and the installation capability are the main problems. These factors also contribute to a difference in the water depth capabilities of the various types of platforms, which also are listed in Table 4.

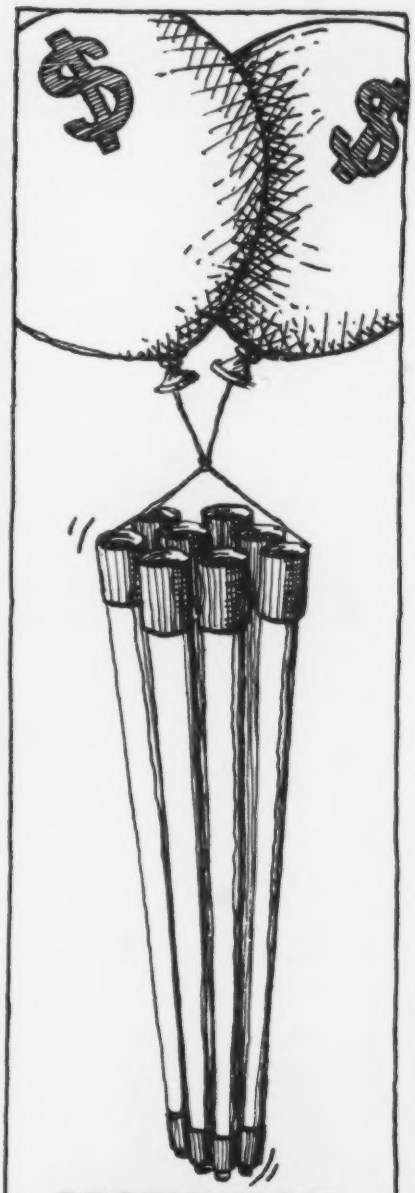
For all platforms except floating facilities, fabrication, transportation, and metal fatigue damage are critical when one tries to derive a water depth limitation for a particular concept. For floating facilities, the water depth limitation of the system is controlled by the availability of subsea control equipment and the ability to moor the vessel or the floating facility on a permanent basis.

Research Needs

The summary at the beginning of this article lists environmental, general research, and hardware needs for various types of deepwater production facilities. More accurate environmental force predictions would lead to a less conservatively computed wave load on the structure, and more realistic dynamic force history on the structure is needed for metal fatigue damage calculations.

To improve these aspects of the calculations, formulations of wave forces near the surface and a specification of the directionality of design waves are needed. Because floating production facilities have long surge natural periods, long period wind gust and wave environmental spectra are additional design criteria which are not available to the required level of confidence today.

Design studies will concentrate on how to reduce weight and space requirements of drilling and production equipment, because the payload magnitude and weight distribution needs will control vessel stability and response. As mentioned before, the high-pressure fluid swivel and high-pressure, large-diameter hoses are needed when one wants to apply a deepwater floating production facility in an offshore location which is not



PROFIT FROM A HEAVY LOSS.

When you lose weight using Reynolds Aluminum drill pipe, the horsepower on the draw works during tripping is reduced. Foot pounds of torque at the rotary table will also be lower. And that means less fuel is required. So when you need to gain from losing, save with the Reynolds Aluminum reducing plan.

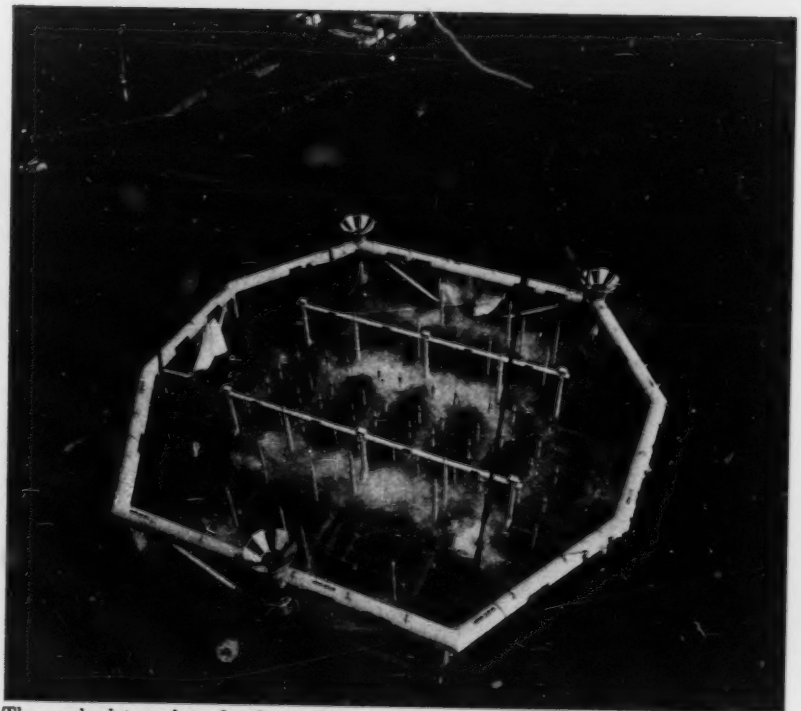
For more information, call: 1-713-558-4456.

REYNOLDS ALUMINUM

Circle 221 on Reader Service Card

TABLE 4. General comparison of structural concepts

	Fixed platform	Guyed tower	TLP	Tanker-based FPS	Semisubmersible-based FPS
Predrilling through template	Yes	Perhaps	Yes	Must	Must
Maximum number of wells	65	40	40	15	20?
Subsea completions	Perhaps	Perhaps	Perhaps	Must	Must
Field development flexibility	None	None	None	High	High
Seabed congestion by flow and control lines	No	Anchor lines	No	Flow lines	Anchor, flow, and control lines
Payload capacity	High	High	High, but sensitive	High	Low and medium
Priority development needs	Perhaps joint inspection, platform repair	Perhaps in-situ guy inspection, platform repair	Simplified tendon design	HP swivel, HP hoses for gas reinjection	HP hoses for gas reinjection, subsea manifolding, and control equipment
Earthquake sensitivity	High	Medium	Low	Medium	Low
Loss in case of fire	Platform top, new deck	Platform top, new deck	Platform top new wellhead area	Well	Well. Abandon site
Theoretical improvement enhancing capabilities	None	None	None	Tanker	Hose dynamics
Water depth capability, ft,					
Gulf of Mexico	1,350	2,000	2,000+	1,500?	2,000?
N. North Sea	1,000	1,350	?	?	1,500?
Critical depth limitation	Fabrication, transportation, fatigue	Transportation, fatigue	Fabrication, buoyancy needs, tendons, dynamic roll and heave	Mooring, subsea control equipment	Mooring, subsea control equipment



The seabed template for Sun's Balmoral field was installed last July. The first proposely built floating production vessel is incorporated into the field development scheme for Balmoral.

located near a pipeline system.

Cost of floating production facilities could further be reduced if a better understanding of the structural motions could be gained from calculations. Better motion dampening data for floating production facilities are needed. Further, dampening data and other dynamic properties for flexible transfer hose systems are required.

The cost figures in Tables 2 and 3 and Fig. 1 indicate that a potential candidate for structural developments in the Gulf of Mexico could well be a semisubmersible-based system. Fluid transfer and control lines are all flexible, and water injection and possibly gas injection are also possible when high-pressure gas hoses are available. Vessel mooring will be by a catenary system, although mooring buoys must be used to reduce the weight of the mooring system carried by the vessel.

As in all other cases, a major oil field must be found before such a system is economically feasible. ■

FALL 1984 INTERNATIONAL

WORLD RIG LOCATOR

Supplement to the November 15, 1984 issue of

Petroleum Engineer INTERNATIONAL

- Land and Offshore Rigs
- U.S. and International Contractors
- Contractor Addresses
- Rig Locations Worldwide

Petroleum Engineer® INTERNATIONAL

Fall 1984 International

WORLD RIG LOCATOR

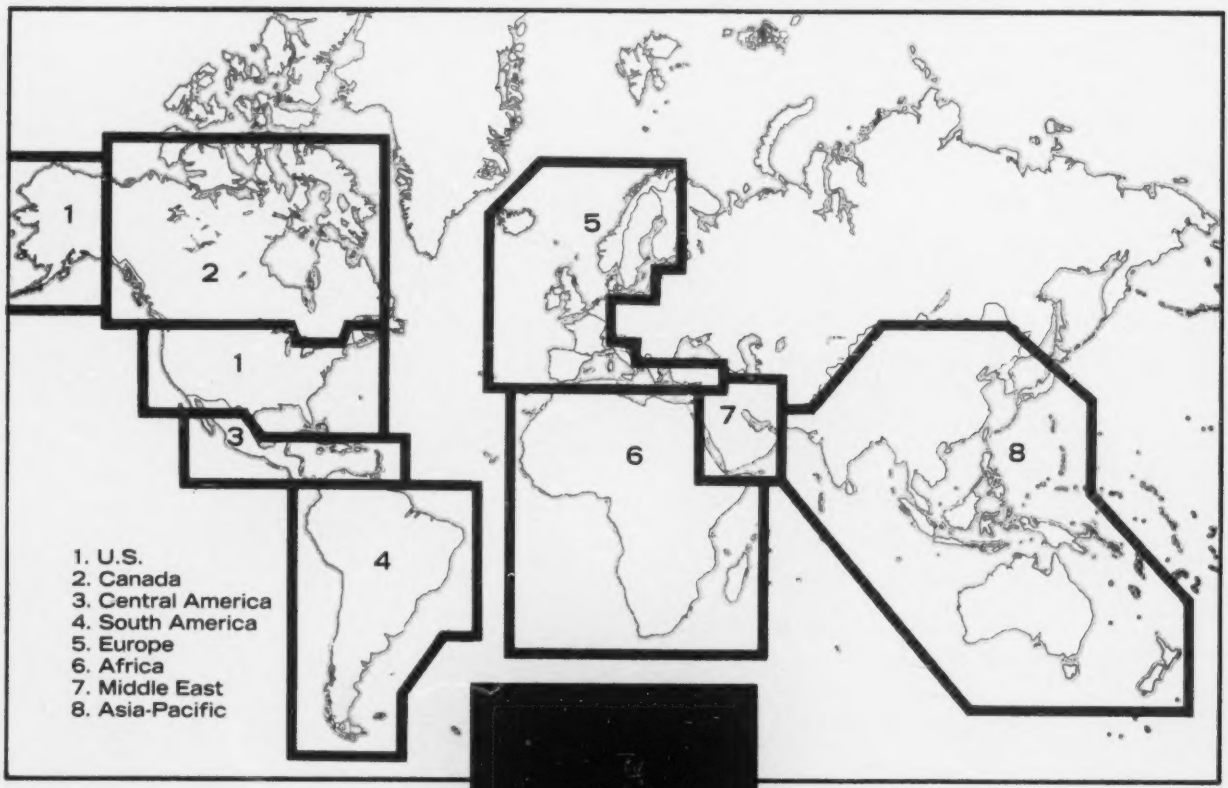


Table of Contents

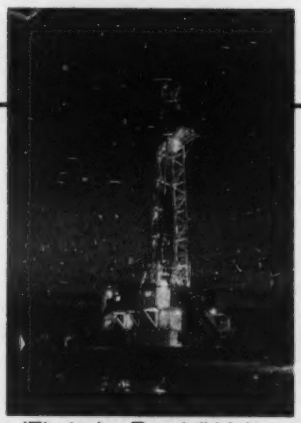
Drilling Contractors R-3

U.S. Contract Rotary Land Drilling Rigs R-8

International Contract Rotary Land Drilling Rigs R-27

U.S. and International Contract Offshore Drilling Rigs R-32

Drawworks Manufacturers Abbreviations R-35



(Photo by Randall Hahn, Dallas, Tex.)

For over a quarter century, drilling contractors have given this magazine Rig Locator data, providing operators who let drilling contracts with mechanical specifications and locations of contract rotary rigs throughout the world. Since the Rig Locator's 1955 origin, other organizations periodically attempt similar concepts, while others shuffle and republish PEI Rig Locator data. This Rig Locator, detailing 4,475 land rigs, 1,003 offshore rigs and 646 drilling contractors, is the most complete presentation of contract drilling rigs published.

US and International Drilling Contractors

A

ABERCROMBIE DRILLING INC 801 Union Center Wichita KS 67202 316-262-1841
ACT DRILLING CO PO Box 690 Yukon OK 73099 405-354-7751
ADECO DRILLING & ENGRG CO 505 2nd St SW Calgary AB T2P 1N8 Canada 403-266-6291
AGUILA DRILLING CO 3626 N Hall St Dallas TX 75219 214-521-0021
AIKINS DRILLING CO 151 10th Ave N Shelby MT 59474 406-434-2565
ALANCO DRILLING CO PO Box 1970 Alice TX 78333 512-664-2388
ALASKA UNITED DRILLING INC 5141 Fairbanks St Anchorage AK 99503 907-561-1265
ALDEBARAN DRILLING CO 453 S Webb Rd PO Box 18611 Wichita KS 67207 316-685-5372
ALEXANDER DRILLING INC PO Box 6162 Fort Smith AR 72906 918-436-2491
ALLEN DRILLING CO 1105 Walnut PO Box 1389 Great Bend KS 67530 316-793-5681, 3582, 3583
ALLISON BROS DRILLING CO 1275 Sherman St Ste 202 Denver CO 80203 303-861-2228
ALLISON DRILLING CO 1275 Sherman St Ste 202 Denver CO 80203 303-861-2228
ALL WESTERN DRILLING INC PO Box 1518 Vernal UT 84078 801-789-4581
AMERICAN WELL SERVICE & DRILLING PO Box 53365 Lafayette LA 70505 318-837-1852
AMERICAN WESTERN ENERGY CORP 14 Sky Ranch Road Aurora CO 80011 303-360-0944
ANDERSON-MYERS DRILLING CO 3 Park Central Ste 1075 1515 Arapahoe Denver CO 80202 303-623-5600
ANTELOPE DRILLING CO 6265 E Huerfano Rd Avondale CO 81022 303-948-2201
APOLLO DRILLING INC 1625 Broadway Ste 2030 Denver CO 80202 303-623-1555
APOLLO DRILLING INC TX Campbell Centre I Ste M-2150 Dallas TX 75206 214-361-8920
ARAB DRILLING & WORKOVER CO PO Box 1401 Orange CA 92668 714-558-1300
ARABIAN DRILLING CO Alkhobar-Dammam Rd Near Al-Bustan Compound Box 708 Dammam Saudi Arabia 8575789
ARAPAHOE DRILLING CO PO Box 26687 Albuquerque NM 87125 505-247-2294
ARBUCKLE DRILLING CO PO Box 2167 Ardmore OK 73401 405-223-4282
ARD DRILLING CO PO Box 1030 Midland TX 79702 915-684-5716
ARDEN DRILLING CO PO Box 968 Edmond OK 73083 405-348-1806
ARDMORE DRILLING CO PO Box 308 Ardmore OK 73401 405-223-2292
ARGUS DRILLING-DIV TARO INDS 1580-540 Fifth Ave SW Calgary AB T2P 0M3 Canada 403-264-3043
ARMSTRONG DRILLING INC 116 Bauer Rd PO Box 545 Wooster OH 44691 216-262-4101
ARROWHEAD DRILLING LTD 710 999 Eighth St SW Calgary AB T2R 1J5 Canada 403-245-2817
ARTESIA FISHING TOOL CO PO Box 470 Artesia NM 88210 505-746-6651
ASHTOLA DRILLING CO PO Box 9198 Amarillo TX 79105 806-376-4371
ASTRO DRILLING CO 6801 S Western Ste 201 Oklahoma City OK 73139 405-632-9729
ATCO DRILLING INC 3525 S Tamarac Ste 110 Denver CO 80237 303-770-2490
ATCO DRILLING INC SOUTHERN DIV 10590 Westoffice Dr Ste 200 Houston TX 77042 713-777-9199
ATCO DRILLING LTD BOW ISLAND DIV 700 800 Sixth Ave SW Calgary AB T2P 3G3 Canada 403-263-1215
ATCO DRILLING LTD MUSTANG DIV #700 800 Sixth Ave SW Calgary AB T2P 0T8 Canada 403-263-8520
ATLANTIC DRILLING CO LTD 33 St Mary's St Edinburgh EH1 1TN Scotland 031-557-2323
ATLANTIC OIL CO PO Box 625 Lamount CA 93241 213-633-5151 805-322-1744
ATLANTIC PACIFIC MARINE CORP 2425 Fountain View Dr Ste 300 Houston TX 77057 713-783-0910
ATWOOD OCEANICS PACIFIC LTD 15835 Park Ten Place Dr PO Box 218350 Houston TX 77218 713-492-2920
AZTEC WELL SERVICE CO PO Box B Aztec NM 87410 505-334-6194

B

BADGER DRILLING LTD 1180 700 Fourth Ave SW Calgary AB T2P 3J4 Canada 403-269-8534
PERNIE BAILEY DRILLING CO PO Box 70 Port Barre LA 70577 318-585-6462
BAKER & TAYLOR DRILLING CO PO Box 2748 Amarillo TX 79105 806-373-8307
BANDERA DRILLING CO 809 T&P Lane Abilene TX 79602 915-676-5591
BANNER DRILLING CO 222 W 27th St Scottsbluff NE 69361 308-632-3311
BARNES CORE DRILLING CO 1350 Roberts Lane Bakersfield CA 93308 805-399-9181
BARNHART DRILLING CO First & Monroe PO Box 1638 Riverton WY 82501 307-856-6481
BARR DRILLING CORP PO Box 148 Salem IL 62881 628-548-0200
BASIN DRILLING CORP 900 Oil Center W 2601 Northwest Expy Oklahoma City OK 73112 405-840-2911
BAULCH DRILLING CO 1800 Latta Rd Ada OK 74820 405-332-3155
BAWDEN DRILLING INTERNATIONAL LTD 101 Thomson Rd Goldhill Sq Ste 22-01 Singapore (65) 255 4466
PETER BAWDEN DRILLING INC CALIFORNIA 12832 Valley View St Ste 210 Garden Grove CA 92645 714-898-0491
PETER BAWDEN DRILLING LTD 2750 400 Fourth Ave SW Calgary Alberta T2P 0J4 Canada 403-265-1511
BAWDEN DRILLING (UK) LTD Farburn Industrial Estate Pyce Aberdeen Scotland AB2 OHG 44 (224) 724399
BAWDEN INTERNATIONAL LTD TEXAS DISTRICT 10200 Richmond Ave Houston TX 77042 713-974-3131
BAY DRILLING CORP PO Box 2316 Houma LA 70361 504-872-4888
BAYLESS DRILLING CO PO Box 2669 Farmington NM 87499 505-327-7214
BB&C DRILLING CORP PO Box 9575 Midland TX 79708-2575 915-685-3008
B D K DRILLING CO PO Box 2488 Victoria TX 77902-2488 512-573-9121

B (Cont'd)

BEARD DRILLING CO PO Box 263 Mt Carmel IL 62863 618-262-5194
BEARD DRILLING CO 2000 Classen Center 2000 Classen Blvd Oklahoma City OK 73106 405-524-2664
JACK E BEARDEN DRILLING CO 4605 Jacksboro Hwy PO Box JEBCO Wichita Falls TX 76307 817-767-1474
BEAVER DRILLING LTD 1117 Suncor Tower 500 Fourth Ave SW Calgary AB T2P 2V6 Canada 403-265-6472
B-E DRILLING CO Rte 5 Box 315 Longview TX 75601 214-758-5406
BENNET PRODUCTION CORP PO Drawer 391 Bowie TX 76230 817-872-1183
BEREDCO INC 401 E Douglas Wichita KS 67202 316-265-2856
BERENTZ DRILLING CO PO Box 428 Eureka KS 67045 316-583-5202
BERGMAN DRILLING INC 520 Union Center Bldg Wichita KS 67202 316-267-5291
JAMES BIGARD DRILLING CO 1315 N Mission Rd PO Box 509 Mt Pleasant MI 48858 517-772-5955
BIG CHIEF DRILLING CO PO Box 14837 Oklahoma City OK 73113 405-843-5721
BIGHORN DRILLING INC 1625 KSB&T Bldg Wichita KS 67202 316-682-0718
BIG SEVEN DRILLING CO 400 Citizens Bldg 115 SE Third St Evansville IN 47708 812-425-3503
BIG 6 DRILLING CO 7500 San Felipe Ste 666 Houston TX 77063 713-783-2300
BIG SPRINGS DRILLING INC Munger Sta PO Box 8287 Wichita KS 67208 316-681-1732
BJM DRILLING & EXPLORATION INC PO Box 160 Rte 11 Odessa TX 79763 915-563-3025 915-684-9732
BLACKSTONE DRILLING INC 523 W Kansas PO Box 1184 McPherson KS 67460 316-241-1250
BLOCKER CANADA LTD 11012 Macleod Trail S Ste 800 Calgary AB T2J 6A5 Canada 403-278-6050 403-237-5505
BLOCKER DRILLING 16225 Park Ten Pl Ste 600 Houston TX 77084 713-578-3677
BLOCKER DRILLING & MARINE CO US Hwy 90 E PO Box 53596 Lafayette LA 70505 318-269-0730
BLOCKER DRILLING CANADA LTD 707 Seventh Ave SW Ste 760 Calgary AB T2P 3H6 Canada 403-264-6622
BLOCKER DRILLING CO PO Box 2130 Alice TX 78332 512-664-0114
BLOCKER INTERNATIONAL 800 Berring Dr Ste 400 Houston TX 77057 713-974-9100
BODARD & HALE DRILLING CO PO Box 1565 Shawnee OK 74801 405-273-7300
J B BOHANNAN DRILLING INC 2324 N Hwy 83 PO Box 6 Liberal KS 67901 316-624-2202
BOKENKAMP DRILLING CO 2901 Wilcrest Ste 138 Houston TX 77042 713-789-0555
BOLDON DRILLING LTD Colwick Industrial Estate Colwick Nottingham NG4 2BB England 602 611300
BONRAY DRILLING CORP Box 340 Rte 4 Oklahoma City OK 73121 405-424-4327
BOOKER DRILLING CO PO Box 7244 Metairie LA 70010 504-833-2876
BOW ISLAND DRILLING (See ATCO DRLG BOW ISLAND DIV)
BOW VALLEY OFFSHORE DRILLING LTD Box 6650 Postal Station D Calgary AB T2P 2V8 Canada 403-231-1341 Telex 03-821384
BRANDT DRILLING INC 1200 Douglas Bldg Wichita KS 67202 316-267-4335
BRAVO DRILLING INC PO Box 1083 Perryton TX 79070 806-435-2869
BRELCO DRILLING LTD #2602 425-First St SW Calgary AB T2P 3L8 Canada 403-233-8300
BRINKERHOFF-SIGNAL INC 3400 Anaconda Tower 555 17th St Denver CO 80202 303-298-1041
BRITISH GAS CORP (managed by Houlder Marine Drilling Ltd)
BRITTON INDUSTRIES DRILLING 312 N Big Spring Midland TX 79701 915-684-4891
BROUGHTON OFFSHORE DRILLING INC 921 Main St Ste 1410 Houston TX 77002 713-759-1844
BSE DRILLING CO PO Box 4260 Victoria TX 77901 512-578-9021
BUFFALO DRILLING CO PO Box 911 Wichita KS 67601 913-735-2215 316-265-9686
BUFFALO DRILLING INC 435 Page 220 W Douglas Wichita KS 67202 316-265-9686
L D BURNS DRILLING CO One Parker Square Ste 500 Wichita Falls TX 76308 817-723-0512
BURRIS DRILLING CO 600 N 600-17th St Denver CO 80202 303-892-9718
BUTLER-JOHNSON INC 600 Travis Place Shreveport LA 71101 318-226-0731
BUZZINI DRILLING CO 8700 Crownhill Ste 300 San Antonio TX 78209 512-824-3293

C

CACTUS DRILLING CO 13747 Montfort Ste 300 Dallas TX 75240 214-934-3333
CACTUS INTERNATIONAL INC 13747 Monfort Dr Ste 300 Dallas TX 75240 214-934-3333 Telex 794477
CACTUS DRILLING LTD DIV OCELOT INDS PO Box 1508 500 622 Fifth Ave SW Calgary AB T2P 0M6 Canada 403-263-5670
CALIFORNIA PROD SERV INC 19431 S Santa Fe Ave PO Box 4489 Compton CA 90224 213-639-7074
CAL PACIFIC DRILLING CO 333 N Lantana St Ste 285 Camarillo CA 93010 805-987-8721
CANADIAN MARINE DRILLING LTD PO Box 200 Calgary AB T2P 2H8 Canada 403-231-1830
CAN-TEX DRILLING & EXPL LTD 1520 Royal Bank Bldg 335 Eighth Ave SW Calgary AB T2P 1C9 Canada 403-265-8441
CAPE DRILLING CO PO Box 756 Tyler TX 75710 214-593-8255
CARDINAL DRILLING CO PO Box 1077 Billings MT 59103 406-248-7324
CARTER LAND & CATTLE CO PO Box 814 Chanute KS 66720 316-431-2080
C E C DRILLING CO 2601 NW Expy Ste 1000W Oklahoma City OK 73112 405-840-3356
CENTENNIAL DRILLING LTD 1007-16th Ave NW Calgary AB T2M 0K7 Canada 403-282-9552, 9602
CHALLENGER DRILLING 401-1035 Seventh Ave SW Calgary AB T2P 3E9 Canada 403-269-3121
CHALLENGER DRILLING INC 2515 Kelly Lane Houston TX 77066 713-893-9755
CHALLENGER LTD 4 Bicaniou Square Glyfada Athens Greece 301-894-1314
CHEROKEE DRILLING & DEV CORP PO Box 2381 Midland TX 79702 915-563-1516

C (Cont'd)

CHESLEY PRUETT DRILLING CO 800 Hillcrest Dr PO Box 447 Laurel MS 39441-0447 601-649-1200
CHEYENNE DRILLING PO Box 916 Garden City KS 67846 316-277-2062
CHILES DRILLING CO 1900 West Loop South Ste 1400 Houston TX 77027 713-621-4991
CHINA NATIONAL OFFSHORE OIL CORP (managed by Houlder Marine Drilling Ltd)
CINCO DRILLING CO 2300 Interfirst One Dallas TX 75202 214-741-6031 512-672-7983
CLEVELAND DRILLING CO 3131-A Fairhavon Dr Bakersfield CA 93308 805-395-0233
CLIFFS DRILLING CO Citicorp Center Ste 300 Houston TX 77002 713-651-9426
C M D DRILLING CO 1331 Oakhurst Wichita Falls TX 76302 817-767-8432
COASTAL DRILLING CO 2157 Mohawk St PO Box 5787 Bakersfield CA 93388 805-589-0210
COLEMAN DRILLING CO PO Drawer 3337 Farmington NM 87401 505-325-6892
COMANCHE DRILLING CO PO Box 636 Cut Bank MT 59427 406-873-5731
COMET DRILLING CO Box 51529 Lafayette LA 70505 318-233-0414
COMPADRE DRILLING & EXPLORATION CORP PO Box 97 Ardmore OK 73402 405-223-3127
COMPANIA GEN DE SONDEOS SA Corazon De Maria No 15 Madrid 28002 Spain 413.53.63
COMPANIA NAVIERA PEREZ COMPANC SACFIMFA Maipu 1 1599 Buenos Aires Argentina 33-8393/7 Telex 17211 PECOM AR
CONCEPT RESOURCES LTD 1200 McFarlane Tower 700 Fourth Ave SW Calgary AB T2P 3J4 Canada 403-265-6982
CONTINENTAL DRILLING CO PO Box 8569 Tyler TX 75701 214-877-3151
CORPUS CHRISTI DRILLING CO PO Box 8400 Corpus Christi TX 78412 512-993-8830
COSIFOR 21 Ave Victor Hugo 75116 Paris France (1) 502 10 60
COSIFOR 90 Avenue des Ternes 75017 Paris France (1) 574 35 79
COTHRUM DRILLING CO PO Box 18207 Dallas TX 75218 214-321-9115
CRC MALLARD INC PO Drawer 51498 OCS Lafayette LA 70505 318-233-4922
CRESCENT DRILLING CO Calhoun Rd PO Box 626 Owensboro KY 42301 502-926-4656
CROWN DRILLING LTD PO Box 1390 Trans-Canada Hwy Virden MB R0M 2C0 Canada 204-748-1714
CULVER DRILLING CO PO Box 75382 Oklahoma City OK 73147 405-324-6000
CYCLONE DRILLING INC PO Box 908 Gillette WY 82716 307-682-4161

D

DAHLQUIST DRILLING INC PO Box 602 Bakersfield CA 93302 805-327-1275
DAMAC DRILLING INC PO Box 1164 Great Bend KS 67530 316-792-1353
D & D DRILLING CO PO Box 351 Ferriday LA 71334 318-757-3274
D & R DRILLING INC PO Box 4431 Odessa TX 79760 915-563-3550
D L DAVIS DRILLING CO PO Box 570 Rte 1 N Mt Carmel IL 62863 618-263-4316
D B DRILLING CORP PO Box 3037 Abilene TX 79604 915-672-2841
DEAN DRILLING CO PO Box 327 Cherokee OK 73728 405-596-3509
DELTA DRILLING CO PO Box 2012 Tyler TX 75710 214-595-7700
DEUTSCHE TIEFBOHR AG Deilmannstr 1 PO Box 75 4444 Bad Bentheim West Germany 5922-720
DEVONIAN DRILLING CO 500 W Wilson Bridge Rd Ste 70 Worthington OH 43085 614-885-2268
DIAMOND M CO PO Box 4558 Houston TX 77210 713-490-5300
DIATOM DRILLING CO PO Box 5004 Borger TX 79008-5004 806-273-3763
DIXILYN-FIELD DRILLING CO PO Box 4251 Houston TX 77210 713-877-8850
DIXON DRILLING CO PO Box 2773 Abilene TX 79604 915-676-8564
DOLPHIN TITAN INTL INC 333 Clay St Ste 2600 Houston TX 77002 713-659-2381
DOUGLAS DRILLING INC PO Box 3775 Abilene TX 79604 915-676-5551
DRILCON INC 9099 Westheimer Ste 309 Houston TX 77063 713-780-8772
DRILLERS INC 5629 FM 1960 W Ste 202 Houston TX 77069 713-893-1020
DRILLTECH INC 2 Northpark E Ste 800 PO Box 31350 Dallas TX 75231 214-369-6699 214-363-9705
DUAL DRILLING CO 5956 Sherry Lane Ste 700 Dallas TX 75381 214-373-6200
DUKE DRILLING CO PO Box 823 Great Bend KS 67530 316-793-8366
DUNNE-GARDNER PETROLEUM INC 200 W Douglas Ste 250 Wichita KS 67202 316-265-1611
DYVI OFFSHORE A/S PO Box 454 Sentrum Oslo 1 Norway (02) 410100

E

EAGLE DRILLING INC PO Box 8609 Wichita KS 67208 316-682-5513
E & H DRILLING CO PO Box 1058 Graham TX 76046 817-549-0370
EASON OIL CO Sub of ITT 2601 NW Expwy Oil Center East Ste 1100E Oklahoma City OK 73102 405-848-8711
EDCO DRILLING CO PO Box 645 El Dorado KS 67042 316-321-9280
EDWARDS WELL SERV 7001 Fruitvale Extension Bakersfield CA 93308 805-589-0111
EGYPTIAN DRILLING CO Dr Moustafa Abou Zahra St PO Box 8071-11371 Nasr City Cairo Egypt 600-230 (927) 92667 EDRLG UN
ELENBURG EXPLORATION INC Hwy 2 W PO Box 1850 Havre MT 59501 406-265-5811
ELJAY DRILLING CORP 11757 Katy Fwy Ste 850 Houston TX 77079 713-932-6771
ENERGY DRILLING CO PO Box 905 Natchez MS 39120 601-446-5259
ENERGY SEARCH DRILLING CO PO Box 190 Farmington NM 87401 505-326-1135
ENOPCO 12201 Merit Dr Ste 1100 Dallas TX 75251 214-387-2805
ENSIGN DRILLING LTD PO Box 1160 5109-63 St Lloydminster AB S9V 1G1 Canada 403-875-4942
EQUITY DRILLING CO PO Box 40 Dewey OK 74029 918-534-1700
ESCOR 4273 Corporate Way Mt Pleasant MI 48858 517-773-4922
EXCELL DRILLING CO 6475 Wadsworth Blvd Ste 115 Arvada CO 80003 303-332-3156
EXETER DRILLING CO 210 W Park Ave Ste 2670 First Oklahoma Tower Oklahoma City OK 73102 405-235-9969
EXETER DRILLING CO Northern Division PO Box 17349 TA Denver CO 80217 303-861-0181
EXETER DRILLING CO INC Southern Division 144 Elk Place Ste 1502 New Orleans LA 70112 504-581-1498

F

FAIRMAN DRILLING CO PO Box 288 Dubois PA 15801 814-371-8410
FAITH DRILLING CO PO Box 7 Houston TX 77001 713-524-7411
FALCON DRILLING CO 1700 SE 22 Second Oklahoma City OK 73129 405-670-3161
F & N DRILLING CO PO Box 6854 Odessa TX 79762 915-367-1028
JOHN O FARMER INC PO Box 352 Russell KS 67665 913-483-3144
FAULK DRILLING CO PO Box 429 Breckenridge TX 76024 817-559-3744
FELDERHOFF BROS DRILLING CO PO Box 739 Gainesville TN 76240 817-665-0396
FLUOR DRILLING SERVICES INC 3333 Michelson Dr Irvine CA 92730 714-975-7034
FLUOR DRILLING SERVICES INC 144 Elk Pl #1010 New Orleans LA 70112 504-581-5333
FORAMER 16 Bis Rue Grange Dame Rose PO Box 100 78143 Velizy Villacoublay Cedex France (3) 946.97.17
FORASOL 16 Bis Rue Grange Dame Rose PO Box 100 78143 Velizy Villacoublay Cedex France (333) 946-9717
FOREX NEPTUNE AND/OR AFFILIATES 50 Ave Jean-Jaures PO Box 599 92542 Montrouge Cedex France 746.10.10
FORWEST INC 910 16th St Ste 408 Denver CO 80202 303-573-1661
FOSSIL DRILLING CORP 6 NE 63rd Ste 315 Oklahoma City OK 73105-1496 405-840-9255
FOUR CORNERS DRILLING CO PO Box 1067 Farmington NM 87401 505-327-0322
FRANKLIN DRILLING INC PO Drawer 1237 Graham TX 76046 817-549-5661
FREEMAN DRILLING CO 251 N Water Ste 10 Wichita KS 67202 316-263-7049
FRIO DRILLING CO 1216 Guaranty Bank Plaza Corpus Christi TX 78475 512-883-8555
FWA DRILLING CO PO Box 419 Wichita Falls TX 76307 817-322-0761

G

GABBERT-JONES INC 830 Sutton Place Wichita KS 67202 316-263-6209
GALLAGHER DRILLING INC PO Box 3046 Evansville IN 47730 812-425-8256
GALLOWAY DRILLING CO 340 Broadway Plaza Bldg 105 S Broadway Wichita KS 67202 316-263-1793
GARNETT DRILLING LTD 814-603 Seventh Ave SW Calgary Alberta T2P 2T5 Canada 403-262-7906
GARY DRILLING CO 7001 Fruitvale Extension Bakersfield CA 93308 805-589-0111
GCO DRILLING CO PO Box 3134 Abilene TX 79604 915-695-9410
GEOPROSCO INTL LTD PO Box 938 Abu Dhabi United Arab Emirates 0534 35521
GIBSON DRILLING CO PO Box 1540 Kilgore TX 75662 214-984-5068
J W GIBSON WELL SERVICE CO 3025 S Parker Rd Ste 711 Aurora CO 80014 303-752-2527
GLENDEL DRILLING CO 2761 Old Erath Rd PO Box 765 Abbeville LA 70511-0765 318-898-1637
GLOBAL MARINE DRILLING CO PO Box 4379 550 Westlake Park Blvd Houston TX 77210 713-496-8000
GLOBE DRILLING CO 1212 The Peoples Plaza Tower Tyler TX 75702 214-593-0281
GOLAR-NOR OFFSHORE A/S 105 Victoria St London SW1 6QT England 01 630 1515
GOLDEN STATE DRILLING INC 3312 Fruitvale Ave Bakersfield CA 93308 805-589-0730
GOLDRUS DRILLING CO PO Box 4394 Houston TX 77210 713-658-9271
GOLDRUS MARINE DRILLING CO PO Box 4394 Houston TX 77210 713-759-6337
GRACE BOMAC DRILLING 10403 W Colfax Ste 700 Lakewood CO 80215 303-234-1444
GRACE FRANCE DRILLING Div Grace Drilling Co 700 Travis Place Shreveport LA 71101 318-221-3434
GRACE MILLER DRILLING Rte 5 Box 450 Fort Smith AR 72901 501-646-3481
GRACE/TRG DRILLING CO 3300 NE 60th St Oklahoma City OK 73121 405-478-4880
GRAND DRILLING 920 Hamilton Bldg Wichita Falls TX 76301 817-723-2422
GRAVES DRILLING CO 910 Union Center Wichita KS 67202 316-265-7233
GREAT EASTERN DRILLING & ENGINEERING CO 1904 Shaw Centre 1-Scotts Rd Singapore 0922 7377633
GREAT SOUTHERN OIL & GAS CO PO Box 52707 Lafayette LA 70505 318-233-4400
GREY WOLF DRILLING CO 2000 Post Oak Blvd Ste 1730 Houston TX 77056 713-626-1373
GRIFFIN-ALEXANDER DRILLING CO 13430 Northwest Fwy Ste 100 Houston TX 77040 713-460-1804
GRIM WELL SERVICE INC PO Box 169 Guysville OH 45735 614-662-6295
GUFFEY-SCHLENSKER DRILLING CORP PO Box 831330 Richardson TX 75083-1330 214-231-8551
GUTHRIE McLAREN DRILLING LTD 1760 717 Seventh Ave SW Calgary AB Canada 403-455-3191
GWALTNEY DRILLING CO PO Box 520 Washington IN 47501 812-254-5085

H

HACK DRILLING CO PO Box 5108 Abilene TX 79608 915-692-4111
HAMM DRILLING INC One Perry Plaza Box 17 Perry KS 66073 913-597-5111
H & S DRILLING CO 320 S Boston Ste 2000 Tulsa OK 74103 918-587-8163
HANING & YOUNG DRILLING CO 2910 Holmes Rd Houston TX 77051 713-734-5555
HARKINS & CO PO Box 1940 Alice TX 78332 512-664-3427
HARPEL DRILLING CO PO Box 2811 Casper WY 82602 307-265-9193
HARRIS DRILLING CO Box 99 Hwy 15 Grayville IL 62844 618-375-2211
HARRIS WELL SERVICE INC PO Drawer 949 Eunice LA 70535 318-457-3376
H F HATCHER & SON PO Box 167 Smackover AR 71762 501-725-2436
HEARTLAND DRILLING INC 600 One Main Place Wichita KS 67202-1399 316-265-9723
HELMERICH & PAYNE CA Apartado 16 Anzoategui Venezuela 22691
HELMERICH & PAYNE (COLOMBIA) DRLG CO Apartado Aerco Bogota Colombia 55088 2484249 396-43370 HPCOM CO
HELMERICH & PAYNE DEL ECUADOR INC Avenida Orellana 1682 Quito Ecuador 233-410
HELMERICH & PAYNE (GUATEMALA) DRLG CO 15 Avenida 16-66 Zone 13 Guatemala City Guatemala 66008
HELMERICH & PAYNE INTL DRILLING Utica at 21st St Tulsa OK 74114 918-742-5531
HELMERICH & PAYNE RASCO INC Bolivia Branch KM-3 Carretera A Cochabamba Casilla 3298 Bolivia 28478

H (Cont'd)

HENLEY DRILLING CO 2900 First Natl Bank Bldg Ste 2420 Dallas TX 75202 214-749-0847
HERB EXPLORATION PO Box 1934 Abilene TX 79604 915-672-1291
HICKMAN DRILLING CO PO Box 1467 Woodward OK 73801 405-256-8688
W B HINTON DRILLING CO 1805 N Jefferson St Mt Pleasant TX 72455 214-572-8777
HI TOWER DRILLING Box 6650 Station D 321 Sixth Ave SW 16th Floor Calgary AB T2P 2V8 Canada 403-231-1211
HOLLIDAY DRILLING INC PO Box 3489 Midland TX 79702 915-697-2208
HONDO DRILLING CO PO Drawer 2516 Midland TX 79702 915-682-9401
HOULDER MARINE DRILLING LTD 53 Leadenhall St London EC3A 2BR England 01-481-2020
HOUSTON OFFSHORE INTERNATIONAL INC One West Loop South Ste 804 Houston TX 77027 713-629-1400
HOUTECH ENERGY INC 10701 Corporate Dr Ste 230 Stafford TX 77477 713-240-0116
HOWELL DRILLING INC 635 Milam Bldg San Antonio TX 78205 512-227-5283
H S ENERGY/SENIOR DRILLING CO (See SENIOR DRILLING)
H-30 DRILLING INC 251 N Water Ste 10 Wichita KS 67202 316-263-2043
LEONARD HUDSON DRILLING CO PO Box 1876 Pampa TX 79065 806-665-1816
HUGHES DRILLING CO Box 6001 Enid OK 73702 405-234-7222
HUNNICUTT CAMP DRILLING CO PO Box 399 Rio Vista CA 94571 707-374-2425 805-327-3948
CLINT HURT & ASSOCIATES INC PO Box 1973 Midland TX 79702 915-683-6361
HUSKY DRILLING CO 555 N Woodlawn Ste 114 Wichita KS 67208 316-685-7677
HUTHNANCE DRILLING CO 601 Jefferson Houston TX 77002 713-659-4816
HYLTON DRILLING CO 7700 Downing Rd Bakersfield CA 93308 805-589-2062

I

INTERNATIONAL CHANDLERS 1901 N Akard Cumberland Hill Dallas TX 75201 214-653-8700
INTERNATIONAL PETROLEUM SERV CO Rte 6 N PO Box 547 Sheffield PA 16347 814-968-3295

J

JADE DRILLING LTD 5825 98th St Edmonton AB T6E 3L4 Canada 403-437-2930
J & C DRILLING CO PO Box 216 Refugio TX 78377 512-526-2376
J & W DRILLING CO Rte 3 Gorman TX 76454 817-734-2665
JAPAN DRILLING CO LTD No 11 Mori Bldg 6-4 Toranomon 2-chome Minato-ku Tokyo Japan 03-591-7391
JAY-LAN CORP 207 W 12th St Hays KS 67601 913-628-1316
JEBSENS DRILLING PLC Greenbank Rd East Tullos Aberdeen AB1 4BQ Scotland (0024) 878218 ext 25
JFP WELL SERVICE INC 14425 Torrey Chase Blvd Ste #300 Houston TX 77014 713-893-4464
J L OFFSHORE DRILLING INC 15915 Katy Fwy Ste 600 Houston TX 77218 713-492-2888
JOHNN DRILLING CO PO Box 6189 Odessa TX 79762 915-563-1280
JOHNSON-BATES DRILLING CO PO Box 128 Konawa OK 74849 405-925-3256
JOMAX DRILLING LTD 1700 505 Third St SW Calgary AB T2P 3A8 Canada 403-265-5312
JONES DRILLING CO PO Box 665 Albany TX 76430 915-762-3652
LOYD JONES DRILLING CO PO Box 816 Perryton TX 79070 806-435-6871
JONES DRILLING CORP PO Box 1185 Duncan OK 73533 405-255-1191
J 3 DRILLING CO 1720 600 Bldg Corpus Christi TX 78473 512-881-9773
JUSTISS OIL CO PO Drawer N Jena LA 71342 318-992-4111
J-V DRILLING CO 4445 Commerce St Evansville IN 47710 812-424-3571
J W DRILLING CO 200 E First St Ste 500 Wichita KS 67202 316-263-5924

K

KANDRILCO INC Bldg 1 Ste 207 555 N Woodlawn Wichita KS 67208 316-681-1623
KANSAS DRILLING & WELL SERV INC 203 S Third Marion KS 66861 316-382-3734
KAY DRILLING CO PO Box 1622 Ponca City OK 74602 405-765-2406
K B DRILLING & PRODUCTION INC PO Box 1244 Taft CA 93268 805-763-5106
K B DRILLING CO PO Box 1848 Harve MT 59501 406-265-1407
KCA DRILLING LTD KCA House 227 Sheperds Bush Rd London W6 7AS England 01-741-4811
KELLEY ONSHORE DRILLING CO 9207 Emmott Ste 105 Houston TX 77040 713-896-8142
K L KELLOGG & SONS 4220 Long Beach Blvd PO Box 7053 Long Beach CA 90807 213-422-1247
KENAI DRILLING LTD PO Box 6725 Odessa TX 79767 915-362-2323
KENDALL DRILLING CO 3112 E Powell Evansville IN 47715 812-477-5535
KENTING DRILLING CO LTD #1910 800-Fifth Ave SW Calgary AB T2P 2P9 Canada 403-298-5250
KENTING DRILLING CO LTD One Denver Place Ste 220 999-18th St Denver CO 80202 303-893-1383
KENTING DRILLING SERV LTD Trent Lane Castle Donington Derby DE7 2NP England (0332) 850060 Telex 377905
KEYDRIL CO 2000 Capital Bank Plaza 333 Clay St Houston TX 77002 713-754-3769
KEYES OFFSHORE INC 14141 SW Fwy Ste 5200 Sugarland TX 77487 713-491-2002
KING DRILLING CO Rte 1 Box 9 Canadian TX 79104 806-323-6664
KINGERY DRILLING CO PO Box 1588 Ardmore OK 73402 405-223-6823
KINGSNORTH MARINE DRILLING LTD 53 Leadenhall St London EC3A 2BR England 01-481-2020 (851) 884801

L

LADRIDO DRILLING CO 3610 W Wall Midland TX 79701 915-694-2546
LAGERSEN DRILLING CO 302 Beck Bldg Shreveport LA 71101 318-227-9939
L & G DRILLING CO PO Box 35 Mt Pleasant MI 48858 517-772-3083
LANDIS DRILLING CO One Marienfeld Place Ste 305 PO Box 3579 Midland TX 79702 915-683-4151
L & M DRILLING CO PO Box 470 Artesia NM 88210 505-748-2205
L & R DRILLING CO PO Box 936 Pierre SD 57501 605-224-8393

L (Cont'd)

LANEX DRILLING CO 4013 NW Expy Ste 610 Oklahoma City OK 73116 405-840-5022
LEROY LANGE DRILLING CO 1102 Montana Big Lake TX 76932 915-465-4751
LA RUE DRILLING CO PO Box 202 Artesia NM 88210
D R LAUCK OIL CO 221 S Broadway Ste 400 Wichita KS 67202 316-263-8267
LEBEN DRILLING CO 105 S Broadway Ste 640 Wichita KS 67202-4260 316-264-2375
LEE DRILLING INC 4802 Derrick Dr Abilene TX 79601 915-677-3566
LEEMAN DRILLING CO 1400 Fifty Penn Place Oklahoma City OK 73118 405-842-1622
LEMKCO DRILLING CO LTD 6767 Golden West Ave Red Deer AB T4P 1A7 Canada 403-342-4200
DAN LESTER DRILLING CO PO Drawer N Jefferson TX 75657 214-665-2511
LLL DRILLING CO PO Box 188 Bloomfield NM 87413 505-632-8045
LOFFLAND BROS CO PO Box 2847 Tulsa OK 74101 918-622-9330
LOGAN DRILLING CO PO Box 1622 Enid OK 73702 405-233-5048
LOHMANN DRILLING CO 13 NW 45th St Evansville IN 47708 812-428-4180
J ROY LOHMANN INC PO Box 8134 Evansville IN 47715 812-473-8044
LORD DRILLING CO 14618 W Sixth Ave Golden CO 80401 303-279-2471
LOUISE DRILLING CO PO Box 467 Louise TX 77455 409-648-2641
LOWE DRILLING CO PO Box 1368 Albany TX 76430 915-762-2530
LUKE GRACE CO 710 Petroleum Bldg PO Box 5371 Wichita Falls TX 76307 817-723-2187
LYNX DRILLING CO PO Box 13300 Arlington TX 76013 817-261-4181

M

MAERSK DRILLING Esplanaden 50 DK-1098 Copenhagen K Denmark 01-14 15 14 (855) 16201 MDrill DK
MAGEE-POOLE DRILLING CO PO Box 2000 Alice TX 78332 512-664-1891
MAGIC CIRCLE DRILLING CO 4141 Northwest Expwy Oklahoma City OK 73116 405-843-6654
MAGNUM MARINE CORP LP Tower Ste 200 PO Box 3579 Conroe TX 77305 409-539-5000 713-367-4000 (Houston) Telex 792749
R L MANNING CO 1700 Broadway Ste 2200 Denver CO 80290 303-839-1977
MAP DRILLING CO 416 Oil & Gas Bldg New Orleans LA 70112 504-524-6282
MARINE DRILLING CO 900 CCNB Center South Corpus Christi TX 78411 512-884-8651
MARINE DRILLING SA 1901 N Akard Cumberland Hill Dallas TX 75201 214-653-8700
MARION DRILLING & SERVICES CO PO Box 3027 Mobile AL 36652 205-626-3924
MARLIN DRILLING CO 1333 West Loop South Ste 780 Houston TX 77027-9178 713-627-1161
MARLIN-WEST DRILLING CO 3025 Gibson St PO Box 551 Bakersfield CA 93302 805-327-8304
MAXWELL HERRING DRILLING CORP PO Box 1297 Tyler TX 75710 214-593-1737
MAYRONNE CO Div Mayronne Enterprises Inc PO Box 432 Harvey LA 70059 504-366-7286
McALLISTER DRILLING INC 251 North Water Ste 10 Wichita KS 67202 316-263-6972
McBAY OIL & GAS INC PO Box 1085 Crockett TX 75835 409-544-5168
J W McCUTCHEN DRILLING CO 912 Oil & Gas Bldg Wichita Falls TX 76301 817-322-9231
McLENNAN DRILLING CO PO Box 6 Nowata OK 74048 918-273-1265
McMURREY PETROLEUM INC PO Box 1899 Kilgore TX 75662 214-984-3578
McVAY DRILLING CO 308 Philtower Bldg Tulsa OK 74103 505-397-3311
MEGARGEL DRILLING CO PO Box 356 Megargel TX 76370 817-563-2311
MELLON DRILLING CO 133 W Concho Ste 103 San Angelo TX 76903 915-655-8951
MELTON DRILLING CO 7101 Downing Ave Bakersfield CA 93308 805-587-0521
MENDENHALL DRILLING CO PO Box 6 Lamont OK 74643 405-388-4444
MERCURY DRILLING CO 1701 SE 25th St Oklahoma City OK 73129 405-672-4441
MESA DRILLERS PO Box 108 Lubbock TX 79408 806-794-3248
MESA DRILLING CO PO Box 1481 Abilene TX 79604 915-673-4787
MGF DRILLING CO-HOUSTON 2626 Richmond Ave Ste B Houston TX 77098 713-526-7236
MGF DRILLING CO-LAFAYETTE PO Box 938 Scott LA 70583 318-237-6161
MGF DRILLING CO-MIDLAND PO Box 6370 Midland TX 79701 915-563-4850
MID ATLANTIC OIL CO DRILLING DIV PO Box 198 Belle Valley OH 43717 614-732-5674
MILLER CONTRACT DRILLING INC PO Box 478 Livingston TN 38570 615-823-6425
MILLER EXPLORATION CORP PO Box 246 Allegan MI 49010 616-843-8331
GEORGE N MITCHELL DRILLING CO Airport Rd PO Drawer 111 Carmi IL 62821 618-382-2343
M N D DRILLING CORP-NORTHERN DIV PO Box 248 Bridgeport TX 76026 817-683-7922
M N D DRILLING CORP-SOUTHERN DIV PO Box 109 Magnolia TX 77355 713-356-8760
MOLEN DRILLING CO Grand Bldg Ste 500 PO Box 2222 Billings MT 59103 406-252-2591
MONTEREY DRILLING CO PO Drawer 30740 Santa Barbara CA 93130 805-327-3948
MONTGOMERY DRILLING CANADA LTD 960-700 Fourth Ave SW Calgary Alberta T2P 3J4 Canada 403-290-1644
MONTGOMERY DRILLING CO PO Box 2508 Bakersfield CA 93303 805-393-9620
MONTREAL ENGENHARIA S/A Rua Sao Jose 90/4 And Rio de Janeiro-RJ-Brazil 20013 (021) 224-8999
MORAN BROS INC PO Box 4502 Houston TX 77210 713-491-2941
MORANCO PO Box 1860 Hobbs NM 88240 505-397-3511
E W MORAN DRILLING CO PO Box 7519 Wichita Falls TX 76307 817-691-3000
MORCO A/S PO Box 65 N-4056 Tananger Norway 04-696766
MORRISON DRILLING & PRODUCING CO One Energy Square Ste 1-LB Abilene TX 79601 915-677-8523
MOSLEY WELL SERVICE INC PO Box 970 Minden LA 71055 318-949-4103
MOXA DRILLING CO 106 W Eighth McCook NE 69001 308-345-2945
MURCO DRILLING CORP 1900 Beck Bldg Shreveport LA 71101 318-221-7373
MURFIN DRILLING CO 250 N Water Ste 300 Wichita KS 67202 316-267-3241
MURLYNSON DRILLING CO PO Drawer 1876 Alice TX 78333 512-664-4540
PETE MURPHY DRILLING CO PO Drawer 1876 Alice TX 78333 512-664-3807

N

NABORS ALASKA DRILLING INC Anglo Energy Co 4300 B St Ste 600 Anchorage AK 99503 907-561-4440
NABORS DRILLING LTD 324 Eighth Ave SW 1107 Home Oil Tower Ste 1107 TD Square Calgary AB T2P 272 Canada 403-263-6610
NATIONAL DRILLING CO PO Box 4017 Abu Dhabi UAE 958-22553 FM NADRIL
NECK DRILLING CO Bin X Taft CA 93268 805-769-8811
NEDDRILL (NETHERLAND) BV PO Box 1925 3000 BX Rtdm Coolsingel 139 Rotterdam Netherlands 3012 AG 10-17-79-66
NELSON DRILLING & WELL SERV 2100 Louisiana Tower Shreveport LA 71101 318-221-6890
DAVID NEW DRILLING CO PO Drawer 1487 Natchez MS 39120 601-442-1607
NEW JERSEY DRILLING CO Rte 206 Box 6 Netcong NJ 07857 201-347-2269
NEW PROSPECT DRILLING CO PO Box 729 Greenwood AR 72936 501-996-6791
NICKLOS DRILLING CO PO Box 752 Eunice LA 70535 318-457-8103
NICKLOS DRILLING CO 5200 Interfirst Plaza Houston TX 77022 713-658-8245
NICOR DRILLING CO 500 Reunion Center 9 E Fourth St Tulsa OK 74103 918-587-5507
NIXON DRILLING CO 201 S Laurel St PO Box 632 Luling TX 78648 512-875-2416
NL WELL SERVICE PO Box 488 Abbeville LA 70510 318-893-3486
NOBLE DRILLING CORP 1924 S Utica Ste 600 Tulsa OK 74104 918-749-9901
NORDRILL INTERNATIONAL INC 7670 Woodway Ste 150 Houston TX 77063 713-974-0000
JAMES R NORMAN DRILLING CO Rte 3 Box 391 Dickson TN 37055 615-645-4361
NORTON DRILLING CO 606 Republic Bank Bldg Lubbock TX 79401 806-747-3324
A N NORWOOD INC PO Box 310 Midland TX 79702 915-683-3972
NOWOTNY & CONLEY DRILLING CORP 1700 Buckner Square Ste 200 Shreveport LA 71101 318-227-0442
N R G DRILLING INC PO Box 1157 Liberal KS 67901 316-624-1818

O

OCEAN DRILLING & EXPL CO PO Box 61780 New Orleans LA 70161 504-561-2811
OCEAN DRILLING SERVICES INC 1901 N Akard Dallas TX 75201 214-653-8700
ODEBRECHT PERFURACOES LTDA Rua da Gloria 290 - 10th CEP 20241-Rio de Janeiro RJ-Brazil (021) 221-0860 (391) 792225 Odei BR (391) 02133197 Odei BR
ODFJELL DRILLING & CONSULTING CO A/S Kokstadflaten 5 PO Box 33 N-5061 Kokstad Norway 05-22 77 80 Telex: 42634 odccn/40507 odbas (856)
OIL DRILLING & EXPL LTD Level 36 AMP Centre 50 Bridge S Sydney NSW 2000 Australia 232-2066
ELMER OELZE JR RR 1 Box 148 Nashville IL 62263 618-327-3807
OLSEN DRILLING CO One Denver Place Ste 3300 999-18th St Denver CO 80202 303-292-9930
O'NEAL DRILLING CO PO Box 4660 Fort Worth TX 76106 817-625-8246
ONEOK DRILLING CO 7060 S Yale Tulsa OK 74153 918-494-8725
ORIGINALA DRILLING CO 956 S Main Jacksboro TX 76056 817-567-3991
ORKUSTOFNUN STATE DRILLING CONTRS Grensasveg 9 108 Reykjavik Iceland
OWEN DRILLING CO PO Box 861 Magnolia AR 71753 501-234-6300
JACK OWENS SERV CO 1626 Del Dayo Dr Carmichael CA 95608 916-485-8995

P

PACNORSE DRILLING SA PO Box 140 Orange CA 92668 714-567-8215
PADRE DRILLING CO PO Box 9925 Corpus Christi TX 78469 512-241-2871
PAN ARCTIC DRILLING PO Box 487 Nisku AB T0C 2G0 Canada 403-955-7944
PAR-CO DRILLING INC PO Box 873 Natchez MS 39120 601-442-6421
PARKER DRILLING CO 8 E Third St Tulsa OK 74103 918-585-8221
PEARL EXPLORATION INC PO Box 2179 Alice TX 78332 512-664-2605
PENROD DRILLING CO 2200 Thanksgiving Tower Dallas TX 75202 214-880-1700
PETERS DRILLING INC PO Box 742 Great Bend KS 67530 316-793-6721
P E P DRILLING CO 123 S Tenth PO Box 824 Mt Vernon IL 62864 618-242-2205
PHELPS DRILLING INTERNATIONAL LTD #800 11012 Macleod Trail S Calgary AB T2J 6A5 Canada 403-278-6050
PHOENIX MANAGEMENT CORP 2925 Briarpark Ste 500 Houston TX 77042 713-784-2420
PICKRELL DRILLING CO 110 N Market Ste 205 Wichita KS 67202 316-262-8427
PLOTNER DRILLING CO 8101 NW 10th St Oklahoma City OK 73127 405-787-7234
PNOC ENERGY DRILLING INC Philippine National Oil Co Merritt Rd Ft Bonifacio Metro Manila Philippines 815-89-61
POOL ARABIA LTD PO Box 4271 Houston TX 77210 713-780-4999
POOL AUSTRALIA INC PO Box 4271 Houston TX 77210 713-780-4999
POOL INTAIRDRIL PO Box 4271 Houston TX 77210 713-780-4999
POOL OFFSHORE PO Box 4271 Houston TX 77210 713-780-4999
POOL OFFSHORE SERVICE 298 Prospect St PO Box 2166 Houma LA 70361 504-868-1430
POOL SANTANA LTD PO Box 4271 Houston TX 77210 713-780-4999
GENE PORTER DRILLING CO PO Box 369 Cushing OK 74023 918-225-1563
POWER RIG DRILLING CO PO Box 52808 Lafayette LA 70505 318-234-4525
POZOS INTERNATIONAL DRILLING SERVICES CO 9 Pozos Lane PO Box 3339 Conroe TX 77305 409-756-4161
PRC DRILLING CO PO Box 1121 Corpus Christi TX 78403 512-289-6763
PRECISION DRILLING LTD Ste 1010 500 Fourth Ave SW Calgary AB T2P 2V6 Canada 403-264-4882
PRECISION EXPL CO PO Box 278 Olney IL 62450 618-395-8448
PREUSSAG AKTIENGESELLSCHAFT Erdol und Erdgas PO Box 1628 3150 Peine West Germany (05176)-171
J A PRICE & CO PO Box 4435 Odessa TX 79760 915-563-3139
T D PROVINS DRILLING CO 2113 Enterprise Dr PO Box 668 Mt Pleasant MI 48858 517-773-6946
PRUET-RAM CO PO Box 31 El Dorado AR 71730 501-863-3612
PT MAFHABOR INDONESIA J1 IR H JUANDA III/7-9 Jakarta Indonesia
PT META EPSI PRIBUMI DRILLING CO JL Madiun No 12 JKT 10310 PO Box 4311 JKT 10001 Indonesia 348900
PYRAMID OIL WELL SERV PO Box 3225 Santa Fe Springs CA 90670 213-944-6703

Q

QUANZA DRILLING INC 3824 N Meridian Ste 110 Oklahoma City OK 73112 405-942-7900
QUARLES DRILLING CORP 1503 Engineers Rd Belle Chasse LA 70037 504-392-4191
QUARLES DRILLING CORP 7633 E 63 Place Suite 500 Tulsa OK 74133 918-250-0515
QUITRAL-CO S.A.I.C. Cerrito 822 9o Piso Buenos Aires Argentina 1010 40-8310

R

RAINBOW DRILLING CO 1108 N Kilgore St PO Box 1779 Kilgore TX 75662 214-984-5095
RAINS & WILLIAMSON OIL CO 435 Page Court 220 W Douglas Wichita KS 67202 316-265-9686 913-735-2215 913-625-7976
RAM DRILLING CO PO Box 118 Browns IL 62818 618-446-5117
R & G DRILLING Sub Rine Drlg 300 W Douglas Ste 600 Wichita KS 67202 316-267-1333
RANGE DRILLING CO 240 Page Ct 220 W Douglas Wichita KS 67202 316-265-6231
RAPAD DRILLING CO (See CHESLEY PRUET DRILLING CO)
RATLIFF DRILLING CO PO Box 988 Duncan OK 73533 405-255-2916
RAY RESOURCES CORP PO Box 203 Culloden WV 25510 304-743-9067
READING & BATES DRILLING CO 901 Threadneedle Ste 200 PO Box 79627 Houston TX 77279 713-496-5000
REBEL RIG #3 LTD PO Box 1151 Natchez MS 39120 601-446-7831
REBSTOCK DRILLING CO 2601 Lexington Ave Kenner LA 70062 504-467-1321
RED ARROW DRILLING LTD 520 304 Eighth Ave SW Calgary AB T2P 1C2 Canada 403-264-0695
RED TIGER DRILLING CO 1720 Kansas State Bank Bldg Wichita KS 76202 316-263-2371
REGENT DRILLING LTD 12540 129th St Edmonton AB T5L 4W5 Canada 403-455-2121
REMCO DRILLING 3000 E Hwy 80 Haughton LA 71037 318-949-4103
REPUBLIC DRILLING CO PO Box 2945 Santa Fe Springs CA 90670 213-595-4505
RESOURCE DRILLING INC PO Box 4341 Houston TX 77210 713-932-1100
RICHARDS-ARMSTRONG INC PO Box 1149 Bay City TX 77414 409-245-8389
RICHARDS DRILLING CO PO Box 1149 Bay City TX 77414 409-245-8389
RICHARDS DRILLING CO ASSOC PO Box 1149 Bay City TX 77414 409-245-8389
RICHTER DRILLING PTY LTD 14 Cribb St Milton Vacc Bldg 1st Floor GPO Box 2197 Brisbane Queensland 4000 Australia (07) 369-8255 (07) 229-2544
RILEY DRILLING CO 907 Scurry Big Spring TX 79720 915-394-4454
RINE DRILLING CO 300 W Douglas Ste 600 Wichita KS 67202 316-267-1333
RIO COLORADO DRILLING CO PO Drawer 8243 Midland TX 79708 915-561-9901
RIO COLORADO SA Sarmiento 663 7th Floor 1316 Buenos Aires Argentina (390) 18930
RIO GRANDE DRILLING CO 2300 Tower Life Bldg San Antonio TX 78205 512-224-4572
ROBERSON DRILLING CO PO Box 1966 Ardmore OK 73402-1966 405-223-1277
ROBINSON DRILLING OF TEXAS PO Box 311 Big Spring TX 79720 915-267-5277
ROCKHOLD ENGINEERING INC PO Box 698 Great Bend KS 67530 316-792-2506
ROCKWELL DRILLING CO PO Box 993 400 W Fifth St Holdenville OK 74848 405-379-5414
ROCKY MOUNTAIN DRILLING LTD 10333 Southport Rd SW #415 Calgary AB T2W 3X6 Canada 403-259-6767
ROD RIC CORP PO Box 10847 Midland TX 79702 915-682-7880
MIKE ROGERS DRILLING CO PO Box 126 Magnolia AR 71753 501-234-2322
ROSAMOND DRILLING CO 1300 Main Ste 1800 Houston TX 77002 713-951-9155
ROSS DRILLING CO PO Box 2008 3201 Sandefjord Norway 34-63481
ROWAN COMPANIES INC-US 5051 Westheimer 1900 Post Oak Tower Houston TX 77056 713-621-7800
ROWAN DRILLING-US 1900 Post Oak Tower Bldg 5051 Westheimer Houston TX 77056 713-621-7800
ROWAN INTERNATIONAL INC 5051 Westheimer 1900 Post Oak Tower Houston TX 77056 713-621-7800
ROYAL DRILLING INC PO Box 1971 Ada OK 74820 405-332-1426
R R A INC 510 Hardage Center Wichita KS 67202 316-262-3411
R RIGS INC PO Box 99 Quinlan TX 75474 214-563-6771
R W I T DRILLING CO 324 W Main PO Box 551 Holdenville OK 74848 405-379-5491

S

SABRE DRILLING INC 1215 24th St W #140 Billings MT 59102 406-656-0730
GRACE SABRE DRILLING 3300 NE 60th Oklahoma City OK 73121 405-478-1757
SAFARI DRILLING CORP PO Box 3236 Abilene TX 79604 915-677-2826
SAGE DRILLING CO 202 S St Francis Wichita KS 67202 316-263-6139
SAIPEM SPA PO Box 12072 San Donato Milanese 20097 Milano Italy 02 5201 (02) 520-9953
SALEN OFFSHORE CO 580 Westlake Park Blvd Ste 600 Houston TX 70079 713-496-7770
SANDERS DRILLING CO PO Box 1086 New Iberia LA 70560 318-364-1537
SANDIA DRILLING CO 2500 Broadway Bldg Edmond OK 73034 405-340-4500
S & T DRILLING LTD PO Box 4890 Edmonton Alberta T6E 5G7 Canada 403-955-7011
SAN PATRICIO CORP PO Box 966 Corpus Christi TX 78403 512-289-6717
SANTA FE DRILLING CO 505 S Main St PO Box 1401 Orange CA 92668 714-558-1300 714-567-8000
SAVAGE DRILLING INC 9525 Katy Fwy #309 Houston TX 77024 713-932-7299
SAWYER DRILLING & SERV INC 1300 American Tower Shreveport LA 71101 318-949-3282
SCANDINAVIAN MONTGOMERY DRILLING PO Box 2508 Bakersfield CA 93303 805-393-9620
SCHLENSKER DRILLING CORP PO Box 831330 Richardson TX 75083-1330 214-231-8551
DON SCOTT DRILLING CO PO Box 177 Jonesville MI 49250 517-849-9237
JERRY SCOTT DRILLING CO 319 N Harvey Rd PO Box 1488 Seminole OK 74868 405-382-2202
SEA DRILLING NETHERLANDS 1901 N Akard Cumberland Hill Dallas TX 75201 214-653-8700
SEALY & CO PO Box 407 Breckenridge TX 76024 817-559-6543

S (Cont'd)

SEDCO DRILLING Box 6620 Postal Sta D 1700 321 Sixth Ave SW Calgary AB T2P 3R3 Canada 403-231-1161
SEDCO INC Middle East Land Rigs 1901 N Akard Dallas TX 75201 214-720-8700
SEDCO INTERNATIONAL SA 1901 N Akard Cumberland Hill Dallas TX 75201 214-643-8700
SEDCO MARITIME INC 1901 N Akard Cumberland Hill Dallas TX 75201 214-653-8700
SEDCO-UNDERSEAS DRILLING LTD 1901 N Akard Cumberland Hill Dallas TX 75201 214-653-8700
SENECA DRILLING CO 100 NW 63rd St Oklahoma City OK 73116 405-848-3388
SENIOR DRILLING CO 7557 Rambler Rd Ste 750 Dallas TX 75231 214-373-3311
SERVICE DRILLING CO PO Box 5320 Borger TX 79007-5320 806-273-7573
SERVICE EQUIPMENT & ENGINEERING INC 900 Dunn St Houma LA 70360 504-868-9010
SH & J DRILLING CORP PO Drawer 888 Magnolia AR 71753 501-234-4600
DEAN SHANK DRILLING CO 2908 Engineers Rd Belle Chasse LA 70037 504-392-1685
SHARP DRILLING CO PO Box 1271 Midland TX 79702 915-683-3384
SHELBY DRILLING 5350 S Roslyn Ste 300 Englewood CO 80111 303-740-2200
SHELBY DRILLING LTD 4A 2016-25th Ave NE Calgary AB T2E 6Z4 Canada 403-230-3655
R H SHELDON & SON INC 13213 TR 50 Dunkirk OH 45836 419-759-2351
SHIELDS DRILLING CO PO Box 709 Russell KS 67665 913-483-3141
SHULER DRILLING CO 3514 W Hillsboro El Dorado AR 71730 501-863-7234
SIERRA DRILLING CO PO Box 2681 Midland TX 75231 214-363-7163
SIMMONS DRILLING INC 7000 S Potomac Englewood CO 80112 303-799-0161
SIMMONS DRILLING LTD 600-1177 11th Ave SW Calgary AB T2R 1K9 Canada 403-244-5340
SITTON DRILLING CO 916 Main Ste 503 Lubbock TX 79401 806-763-4442
SKINNER MARINE OPERATIONS LTD PO Box 46 San Fernando Trinidad West Indies 65-77265
SLAWSON DRILLING CO 200 Douglas Bldg Wichita KS 67207 316-263-3201
SLOAN DRILLING CO 2761 E Skelly Dr 2700 Center Bldg Tulsa OK 74105 918-745-6570
A/S SMEDVIG DRILLING CO PO Box 110 4001 Stavanger Norway (04) 5-20040
SMITH DRILLING CO Rte 1 S PO Box 150 Lawrenceville IL 62439 618-943-2342
CARL E SMITH PETROLEUM INC PO Box 4 Sandyville WV 25275-0004 304-273-9313
SNYDER DRILLING WELL SERV CO Hwy 1 S PO Box E Grayville IL 62844 618-375-2491
SOAPE DRILLING CO PO Box 1284 Billings MT 59103 406-252-1341
SOJOURNER DRILLING CORP PO Box 3234 Abilene TX 79604 915-672-2832 915-677 6269
SONAT INTEROCEAN DRILLING SA PO Box 2765 Houston TX 77252-2765 713-871-7500
SONAT OFFSHORE DRILLING INC PO Box 2765 Houston TX 77252-2765 713-871-7500
SONPETROL Orense, 32 Madrid 128020 Spain 455.18.58/62/66
SOUTHEASTERN DRILLING SERVICE INC 1901 N Akard Cumberland Hill Dallas TX 75201 214-653-8700
SOUTHEASTERN OCEAN DRILLING CO SA 1901 N Akard Cumberland Hill Dallas TX 75201 214-653-8700
SOUTHLAND DRILLING CO Rte 5 Box 121 Victoria TX 77901 512-578-3531
SOUTH SEAS DRILLING CO PO Box 1401 Orange CA 92668 714-558-1300
SOUTH TEXAS DRILLING CO 2211 NE Loop 410 Ste 100 San Antonio TX 78205 512-654-4085 713-784-4051
SPARTAN DRILLING INC 8223 Willow Place South Ste #135 Houston TX 77070 713-955-0625
SPARTAN DRILLING LTD 1800 801 Sixth Ave SW Calgary AB T2P 3W2 Canada 403-262-7778
STAHLCO DRILLING CO 1013 W Eighth PO Box 2231 Amarillo TX 79105 806-376-5038
STERLING DRILLING CO 230 N Fourth St Sterling KS 67579 316-278-2131
STERLING DRILLING CO PO Drawer 3068 Midland TX 79702 915-685-3054
STEWART BROTHERS DRILLING CO PO Box 2067 Grants NM 87020 505-287-2986
STOEPPELWERTH DRILLING INC 1111 E "H" St McCook NE 69001 308-345-1766
STRATA DRILLING INC PO Box 355 Great Bend KS 67530 316-793-7971
STRIKE DRILLING CORP 5525 MacArthur Blvd Ste 520 Box 47 Irving TX 75062 214-659-9254
SUMPTER & BARKER DRILLING CO PO Box 1081 Stillwater OK 74076 405-372-4063
SWEETMAN DRILLING INC 500 Heritage Park Place Wichita KS 67202 316-265-5561

T

TAHOE DRILLING CO 4402 W Industrial Midland TX 79703 915-697-4173
TAYLOR DRILLING CO PO Box 597 Chehalis WA 98532 206-748-3445
T E K DRILLING CO 1224 Josey Lane Ste B Carrollton TX 75006 214-242-8314, 6402
TELEDYNE MOVIBLE OFFSHORE INC PO Box 31936 Lafayette LA 70505 318-365-6681
TEMPLE DRILLING CO 3300 Capital Bank Plaza Houston TX 77002 713-759-0960
TESORO DRILLING CO PO Drawer 2909 Laurel MS 39440 601-425-1481
TEXAS DRILLING CO PO Box 240 Abilene TX 79604 915-673-5024
TEXZONA DRILLING CORP 21 Windmill Circle PO Box 6127 Abilene TX 79608 915-695-4963
THEISS DRILLING CO 4726 Jacksboro Hwy Wichita Falls TX 76302
THOMAS DRILLING CO PO Box 400 Duncan OK 73533 405-252-5580
THOMPSON DRILLING CO 4 Corporate Dr Ste 102 Newport Beach CA 92660-7988 714-644-9292
THUNDERBOLT DRILLING INC PO Box 129 Winnsboro TX 75494 214-342-5221
TMBR DRILLING INC PO Drawer 10970 Midland TX 79702 915-563-1927
TOLTEK DRILLING CO 340 Denver Club Bldg Denver CO 80202 303-571-1331
TOMMY'S OILWELL DRILLING INC PO Box 899 Graham TX 76046 817-549-6960
TOP DRILLING INC 2601 NW Expy Ste 101E Oil Center Oklahoma City OK 73112-7138 405-848-4414
TOWER DRILLING CO 14 Inverness Dr East Bldg H Suite 228 Englewood CO 80112 303-790-2222
TRANSCONTINENTAL DRILLING INC JACKSON DIV 1700 Capital Towers Jackson MS 39201 601-355-1542

T (Cont'd)

TRANSCONTINENTAL DRILLING INC MAGNOLIA DIV Magnolia AR 71753 501-234-5011
TRANSCONTINENTAL DRILLING INC SAN ANGELO DIV 3184 Executive Dr San Angelo TX 76903 915-653-3324
TRANSOCEAN DRILLING CO LTD PO Box 25861 Oklahoma City OK 73125 405-270-2804
TRANSWORLD DRILLING CO PO Box 25861 Oklahoma City OK 73125 405-270-2804
TRIAD DRILLING Sub UGI Development Co Grand Centre Bldg Ste 310 5400 N Grand Blvd Oklahoma City OK 73112 405-948-6006
TRIANGLE DRILLING LTD Rua da Gloria 290 - 10 20241 Rio de Janeiro - RJ Brazil (021) 221-0860 Telex (391) 021 33197 ODEI BR
TRI-CITY DRILLING LTD 14305 120th Ave Edmonton AB T5L 2R8 Canada 403-453-3771
TRIGG DRILLING CO PO Box 18605 Oklahoma City OK 73154 405-528-4456
TRI-LAND DRILLING CO PO Box 18605 Oklahoma City OK 73154 405-528-1463
TRI-SERVICE DRILLING CO 1200 Petroleum Bldg Midland TX 79701 915-684-6641
TROPIC SHIPPING ENTERPRISES LTD 17150 Butte Creek Rd Ste 100 Houston TX 77090 713-444-3970
TRUE DRILLING CO PO Drawer 2360 Casper WY 82602 307-237-9301
TUCKER DRILLING CO PO Box 1876 San Angelo TX 76901 915-655-8773
TWIN ARROW INC Box 948 Rangely CO 81648 303-675-8226
TWO R DRILLING CO PO Box 1968 Houma LA 70361 504-876-6987
TWT EXPLORATION INC PO Box 1329 Park City UT 84060 801-649-8212

U

UNDERWATER GAS DEVELOPERS LTD 3786 Hwy #3 RR #1 Sherkston Ontario L0S 1R0 Canada 416-894-1731
UNDERWOOD OIL WELL SERV INC Ouachita National Bank Bldg Ste 808 Monroe LA 71201 318-388-0385
UNION DRILLING INC PO Drawer 40 Buckhannon WV 26201 304-472-4610
UNIT DRILLING & EXPL CO 1100 Petroleum Club Bldg Tulsa OK 74119 918-582-3188
U R C DRILLING CORP 4141 Northwest Expy Oklahoma City OK 73116 405-842-1039

V

VAUGHN GOOD DRILLING INC PO Box 3744 Enid OK 73702 405-233-3899
VECO DRILLING INC 2457 Industrial Blvd PO Box 1705 Grand Junction CO 81501 303-242-6912
VENTURE DRILLING CO 848 E Main PO Box 1353 Cushing OK 74023 918-225-3269
VERNA CORP PO Box 952 Odessa TX 79760 915-381-6910
VIERSEN & COCHRAN DRILLING CO PO Box 19227 Oklahoma City OK 73144 405-681-6611
VI-ROI DRILLING CO PO Box 1624 Duncan OK 73533 405-255-9750
HERMANN VON RAUTENKRANZ INTERNATIONALE KG ITAG PO Box 114 D-3100 Celle Germany 841-925-241 ITAGCD

W

WARREN INTERSTATE DRILLING CO 906 Utica Tower Tulsa OK 74104 918-749-8361
WARRIOR DRILLING CORP 5801 N Broadway Ste 200 Oklahoma City OK 73118 405-840-3902
WEAL DRILLING CO PO Box 249 Hanson KY 42413-0249 502-322-3302
W E K DRILLING CO PO Box 1498 Roswell NM 88201 505-623-5070
WELL SERVICES LTD PO Box 152 San Fernando Trinidad West Indies 649-7531
W E S CORP PO Box 1329 Park City UT 84060 801-649-8212
WES-MOR DRILLING INC PO Box 1269 Graham TX 76046 817-549-3383
WESTBURNE DRILLING CANADA LTD 100 535 Seventh Ave SW Calgary AB T2P 0Y4 Canada 403-233-6600
WESTBURNE DRILLING INC 999-18th St #1860 PO Box 13079 Denver CO 80201 303-298-8800
WESTERN OCEANIC INC 515 S Post Oak Rd PO Box 56006 (77256) Houston TX 77027 713-629-2726
WESTERN OFFSHORE DRILLING & EXPLORATION CO 3333 Michelson Dr Irvine CA 92730 714-975-7034
WESTERN WELL DRILLING INC 11299 Brighton Rd Henderson CO 80640 303-288-2247
WES-TEX DRILLING CO PO Box 3739 Abilene TX 79604 915-677-9121
WESTWOOD DRILLING CO PO Box 5129 Woodward OK 73803 405-254-5940
WHEATSTATE OILFIELD SERVICES INC PO Box 329 Pratt KS 67124 316-672-7514
WHELESS DRILLING CO 920 Commercial National Bank Bldg Shreveport LA 71101 318-222-3137
WHITE & ELLIS DRILLING INC 401 E Douglas Ste 500 Wichita KS 67202 316-263-1102
E E WHITEHEAD DRILLING CONTR PO Box 1255 Drumright OK 74030 918-352-2230
WILCOX DRILLERS INC PO Box F F Natchez MS 39120 601-446-5021
WILH WILHELMSEN Roald Amundsens Gate 5 Oslo 1 Norway Telex 78900
WILLBROS DRILLING INC FM 1788-2 mi S I-20 PO Box 833 Rte 6 Midland TX 79701 915-563-0221
WILLIAMS DRILLING CO 1300 Main St Ste 1530 Houston TX 77002 713-652-9106
WILLIAMS DRILLING CO OF SOUTH TEXAS PO Drawer 3050 Alice TX 78333 512-668-9857
WILLIS DRILLING CO PO Box 479 Edinburg TX 78540 512-383-3888
WILSON BROS DRILLING CO 217 E Kaliste Saloom Rd PO Drawer 53628 Lafayette LA 70505 318-233-5950
LES WILSON INC PO Box 331 Carmi IL 62821 618-382-4666
WOOLF & MAGEE INC PO Box 6566 Tyler TX 75711 214-561-4051
W W CORP 220 N Main St Madisonville KY 42431 502-821-0087
WYOMING WELL SERV INC PO Box 340 Cody WY 82414 307-587-4249

Y

YOUNG DRILLING CO Bloomfield Hwy PO Box 717 Farmington NM 87401 505-327-5218

Z

ZAPATA OFFSHORE CO Zapata Tower PO Box 4240 Houston TX 77210-4240 713-226-6501
ZENITH DRILLING CORP Fourth Financial Center Ste 505 Wichita KS 67202 316-265-6697

US Contract Rotary Land Drilling Rigs

• Contractor	Type Power, Rig No. •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	Rated Depth With 4½ - in. Pipe, 1000 ft. •
ALABAMA					
UNDESIGNATED					
Chesley Pruet Drlg	14 dsl	3600	G-D 1500M	3600	25
Culver Drlg	20 dsl	2000	Nat 1320	2000	25
Justiss Oil	11 dsl	1200	Emsco GB800	1600	14
BALDWIN					
Underwood Oil Well Serv	12 dsl	350	S/B N3	350	4
CHOCTAW					
Marion Drlg	7 dsl	2400	Emsco C1	2400	20
ESCAMBIA					
Bay Drlg	2 dsl	2500	Nat 110M	2500	20
Dual Drlg	22 dsl	2700	Nat 1320M	2000	28
Exeter Drlg Southern	15 dsl	2550	G-D 1100	1550	18
Murco Drlg	14 d-e	3200	G-D 1500	2800	25
	18 dsl	2800	MC U1220	2400	25
Penrod Drlg	19 dsl	2600	Nat 1320M	3425	25
Wilson Bros Drlg	2 dsl	1900	Nat 110	1900	20
FAYETTE					
Lolmann Drlg	9 dsl	300	Nat T12	300	3.5
GREENE					
Resource Drlg	RD16 dsl	2330	Nat 110	2740	18
HALE					
Crescent Drlg	7 dsl	1750	Beth Toro	2000	13
LAMAR					
Apollo Drlg Inc (TX)	1 dsl	500	Nat 370	550	10.5
	5 dsl	500	Nat 370	550	10.5
Lohmann Drlg	8 dsl	300	Nat 32	550	7.5
MOBILE					
Exeter Drlg Southern	27 dsl	2800	G-D 1500	2800	25
Marion Drlg	8 d-e	2400	Emsco C1	2400	20
Noble Drlg	25 el	3300	Nat 1625DE	3135	30
Penrod Drlg	6 dsl	3425	Nat 1625M6	2200	30
	7 dsl	3425	Nat 1625M6	2200	30
	9 dsl	2600	Nat 1320M	3425	25
Resource Drlg	RD-22 dsl	3105	Nat 1320	3740	25
MONROE					
Delta Drlg	66 d-e	2600	Emsco Electrohoist II	3456	18
Tesoro Drlg	5 dsl	2000	Nat 80B	1650	15
PICKENS					
Lohmann Drlg	5 dsl	600	Nat 50A	600	10
ALASKA					
ANCHORAGE					
Nabors Alaska Drlg	28-E d-e	2000	Emsco Electrohoist IIC	3700	25
KENAI					
Brinkerhoff-Signal	31 dsl	800	Nat T20	300	6.5
	36 dsl	4000	Nat 110	1800	16
	43 dsl	3600	Oiwl 96	1800	16
	54 dsl	3600	Nat 110UE	1800	16
	58 dsl	2000	Wils 120	1200	16
	59 dsl	3600	Oiwl 96	1800	16
Rowan Drlg	29 dsl	1850	Nat 110	2400	20
NORTH SLOPE					
Alaska United Drlg	WWS-1 d-e	1000	Oiwl 700E	700	10
	1 d-e	2000	Oiwl 840E	1500	18
	2 d-e	3200	Oiwl 2000	2000	20
	3 d-e	3200	Oiwl 2000E	2000	20
Brinkerhoff-Signal	PNJVI dsl	4000	Oiwl E2000	2000	180
	84 dsl	4000	Nat 110	2000	16
Nabors Alaska Drlg	17 dsl	2000	Oiwl 860	2475	19
	25 dsl	2000	Nat 110	2475	20
	1-ES d-e	500	Emsco Electrohoist CII	2400	20
	18-E d-e	2000	Emsco Electrohoist	3200	25
	22-E d-e	3200	Emsco IIC Electrohoist	3200	25
ALASKA (Cont'd)					
NORTH SLOPE (Cont'd)					
Nabors Alaska Drlg	26-E d-e	3200	Emsco Electrohoist	4000	25
	27-E d-e	3200	Emsco Electrohoist	4000	25
Parker Drlg	65 dsl	2600	Nat 130	3000	18
	96 dsl	2600	Nat 130	3000	20
	97 dsl	1400	Nat 80B	1400	15
	122 dsl	1800	OIME SL1500	1800	18
	123 dsl	1800	OIME SL1500	1800	18
	128 dsl	1400	OIME TBA2000	1400	15
	141 dsl	2700	OIME E2000	3000	18
	147 dsl	1400	OIME TBA2000	1400	15
	176 d-e	3200	OIME 2000E	2000	20
	191 dsl	3200	OIME 3000E	3000	20
Rowan Drlg	26 dsl	2000	Nat 110	1590	18
	33 d-e	1600	Nat 1320UE		20
	34 d-e	2000	Nat 110EH Special	3000	17
	35 d-e	2000	Nat 110EH Special	3000	17
	41 dsl	3200	Nat 1320UE	3300	25
ARIZONA					
NAVAJO					
Antelope Drlg	1 dsl	600	Cbot Comet 50	500	6.5
ARKANSAS					
UNDESIGNATED					
Justiss Oil	9 dsl	800	Emsco GC500	1200	12.5
	21 dsl	800	Emsco GB500	1000	12
SH & J Drlg	2 g-b	885	S/B N7	750	9.5
Transcontinental Drlg-Magnolia	4 gas	700	Emsco GB500	700	9.5
	7 dsl	1020	Oiwl 76	1020	12.5
	54 dsl	800	Nat 50A	980	10
	55				
	84				
Unit Drlg & Expl	6 dsl	600	MC U15	800	11
COLUMBIA					
Noble Drlg	N-59 dsl	800	Nat 55	800	12
Rogers Drlg	1 dsl	550	S-H 7000	650	9.3
Sawyer Drlg & Serv	6 gas	1200	S/B N75	1200	13
Shuler Drlg	9 dsl	475	S-H 7000	750	7
CONWAY					
Grace Miller Drlg	108 gas		MC U15	450	8.5
	120 gas		S-H 7000	390	8
CRAWFORD					
Grace Miller Drlg	121 gas		S-H 7000	390	8
JOHNSON					
Dual Drlg	6 dsl	600	Emsco GB350	560	7.5
Grace Miller Drlg	105 gas		S-H 7000	390	8
	115 dsl		S-H 7000	600	8
New Prospect Drlg	1 dsl	950	S/B N46	950	12
LAFAYETTE					
Owen Drlg	7 dsl	1100	Idco H35	504	7
	8 dsl	300	Wils Super38	220	3.5
Shuler Drlg	6 dsl	950	Wils SG	950	10.5
SH & J Drlg	3 dsl	807	Unit 34	350	7.3
Transcontinental Drlg-Magnolia	22 dsl	750	S/B N7	750	11
LINCOLN					
Sawyer Drlg & Serv	15 dsl	800	MC U40D	800	14
LOGAN					
C E C Drlg	4 dsl	1400	G-D 500	800	12
FWA Drlg	6 dsl	900	Wils 75	720	10
Grace Miller Drlg	102 gas		MC U15	1080	12
	103 gas		Nat 50	500	10
	119 dsl		BDW 650	800	12
MAGNOLIA					
Excell Drlg	3 dsl	400	Fail 100	400	5.5
ARKANSAS (Cont'd)					
OUACHITA					
Hatcher & Son, H F	3 dsl	425	Wils Mogul 42	350	5
Shuler Drlg	7 dsl	380	S-H 6000	570	6
POPE					
Alexander Drlg	4 dsl	450	W-N 250H40	425	7
C E C Drlg	1 dsl	1100	MC U15	800	10
Dual Drlg	8 dsl	1250	Wils 75	750	9.5
FWA Drlg	31 dsl	1000	Wils Mogul 42	750	7.5
Grace Miller Drlg	107 gas		MC U15	400	8.5
	111 gas		S-H 7000	390	8
Ladrido Drlg	2 dsl	1000	MC U15	1050	12
	3 dsl	1350	MC U15	1050	12
SCOTT					
Henley Drlg	3 dsl	4000	S/B N12A	2700	25
	4 dsl	4000	Emsco C2	2000	25
SEBASTIAN					
Astro Drlg	19 dsl	912	Wils Super Giant	912	12.5
	20 dsl	550	Cbot 550	456	8.5
	22 dsl	920	Beth M58	920	12
	23 dsl	1050	Cbot 2550	1040	15
	48				
C E C Drlg	3 dsl	1200	G-D 500	800	12
Grace Miller Drlg	104 gas		Nat 50	520	8
	106 dsl		Beth 650	1000	13
	109 dsl		BDW 800	1290	15
	110 dsl		OIME SL1500	1500	18
UNION					
Shuler Drlg	1 dsl	325	S/B N4	350	5
	8 dsl	475	S-H 7000	540	7
CALIFORNIA					
UNDESIGNATED					
Atlantic Oil	16 dsl	1650	Nat 130	2475	20
Cal Pacific Drlg	1 d-e	1200	Sup 700UE	700	10
	2 d-e	1200	Sup 700UE	700	10
	4 d-e	1950	Sup 1000UE	1000	12.5
	5 d-e	1950	Sup 1000UE	1000	12.5
	6 d-e	1950	Sup 1000UE	1000	12.5
	8 d-e	2000	Emsco C1Type2	1500	18
California Prod Serv	D-3 dsl	300	Idco H37D	461	4.5
	D-4 dsl	500	Hoop MTA	461	4.5
	D-7 dsl	1000	Hoop MTA	654	6.5
Cardinal Drlg	27 dsl	1200	Emsco GC500	1200	12.5
	29 dsl	800	Emsco GA500	1200	10
Gary Drlg	D-2 dsl	800	Nat T45	600	9
	D-3 dsl	628	Emsco G350	600	8
	D-11 dsl	600	Emsco C50	600	8
Hunnicutt Camp Drlg	2 dsl	1520	Oiwl 660	880	12.5
	3 dsl	1400	Nat CA50	640	105
	4 dsl	1400	Oiwl 66	640	11
	5 dsl	980	Idco 525	480	9
	6 d-e	4000	Nat 110	2000	18
NECK Drlg	1 gas	350	Wils Super 2	350	4
Owens Serv, Jack	8 dsl	1800	RM 750	870	10
Pyramid Oil	3 dsl	400	Idco H30	300	3
Scandinavian Montgomery Drlg	3 dsl	1200	Nat 75	700	12
	8 dsl	1200	Nat 75	700	12
	11 dsl	1500	Emsco GB800	1500	12
BUTTE					
Bawden Drlg	11 d-e	1600	Emsco A800WE	1000	14
Owens Serv, Jack	2 dsl	200	Idco H38	350	4
COLUSA					
Atlantic Oil	12 dsl	850	Nat 50A	680	9
	15 dsl	1020	Nat T32	340	7.5
CONTRA COSTA					
Owens Serv, Jack	7 dsl	1100	Coop 350	450	7.5
FRESNO					
Hylton Drlg	7 dsl	300	Nat T12	380	4
Republic Drlg	22 dsl	1900	MC U36A	950	10
GEYSERVILLE					
Atlantic Oil	6 dsl	810	Nat 80	1680	14

CALIFORNIA (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	4½ - in. Pipe, Rated Depth With 1000 ft.
GLENN						
Atlantic Oil	11	dsl	1350	Nat 80	1350	14
IMPERIAL						
Brinkerhoff-Signal	56	d-e		Emsco A110E	2700	18
Cleveland Drlg	6	d-e	2400	Nat 110UE	1500	20
Monterey Drlg	B	d-e	1000	Nat 80B	2000	14
KERN						
Atlantic Oil	2	dsl	1260	Nat 55	1260	11
	3	dsl	680	Idco H40	370	7.5
	4	dsl	900	Nat 55	900	10
	5	dsl	680	Nat 50A	680	9
	8	dsl	1020	Nat T32	370	7.5
	10	dsl	1020	Nat T32	370	7.5
Barnes Core Drlg	711	dsl	750	HT 5500	450	5.5
Brinkerhoff-Signal	8	g-b	1900	G-D 800	1000	14
California Prod Serv	M-17	dsl	300	Crdw K200C	308	4
	M-70	dsl	446	Idco H35CKD	424	4
	M-71					
Cleveland Drlg	3	d-e	2000	Nat 100	1500	18
	4	dsl	1200	Nat 75CA	800	12
	5	dsl	2400	Idco Super 711E	1600	18
	7	dsl	1000	Nat 75	800	12
	8	dsl	800	Idco 750	700	10
Coastal Drlg	1	dsl	550	Crdw KM250	250	5.5
Dahlquist Drlg	1	dsl	450	Tson 3000	225	3
	5	dsl	360	Fail 2000	200	2
Edwards Well Serv	D30	dsl		Idco	300	
Gary Drlg	D-10	dsl	628	Hoop	400	5.5
	D-12	dsl	382	Emsco GB160T	300	4.5
	D-13	dsl	450	Emsco GB16T	300	4
	D-14	dsl				
	D-16	dsl				
	D-30	dsl	300	Idco 35		
	D-4	dsl	475	Emsco GB160T	450	4.5
	D-5	dsl	382	Hoop GT34	300	3.5
	D-6	dsl	600	Emsco GB160T	400	4.5
	D-7	dsl	381	Gary	200	2
	D-8	dsl	450	Emsco GB160T	400	4.5
	D-9	dsl	628	Cbot	400	5.5
	1	dsl	450	Hoop	400	5
	14	dsl	800	Gary	640	9
	15	dsl	800	Gary	640	9
Golden State Drlg	D-10	dsl	750	Custom HT	450	5.5
	D-6	dsl	750	Custom HT	450	5.5
	D-8	dsl	750	Chal 78	450	5.5
Hylton Drlg	1	dsl	400	Nat T12	300	4
	4	dsl	380	HT MR10	150	3
	5	dsl	380	Idco H30	300	5
	8	dsl	380	Idco H30	300	5
	9	dsl	400	Idco H30	300	5
K B Drlg & Prod	7			Coop		
Kenai Drlg	6	dsl	850	Emsco J750	800	8
	34	dsl	1030	Emsco GB350	600	7.5
KB Drlg & Prod	12	dsl	350	Wils Mogul	350	5
Loffland Bros	64	d-e	1290	MC U36EA	1200	10
	98	d-e	2000	MC U40E	1600	13
	185	gas	1600	MC U914C	1900	18
Marlin West	Marlin 11	d-e	2000	Nat 110	1600	18
	Marlin 12	d-e	2000	Nat 110	1600	18
	13	d-e	2000	Nat 110UE	1600	18
Melton Drlg	3	dsl	500	Emsco 160	350	4
Monterey Drlg	F	d-s	500	Idco H30E	500	8
Montgomery Drlg	8					
	9					
	12	dsl	2000	Emsco GB800	75	120
	14	dsl	1200	Otwl 66	700	10.5
	16					
	17	d-e	2000	Otwl 940E	2000	20
	18					
Republic Drlg	21	dsl	2100	Nat 55	1200	12
KINGS						
Coastal Drlg	7	dsl	2000	Emsco J750	825	11.5
Montgomery Drlg	10					
	19					
Scandinavian Montgomery Drlg	9	d-e	2200	Nat 1320UE	3000	22
LAKE						
Brinkerhoff-Signal	81	d-e	2100	Otwl 750E	2100	16
Loffland Bros	25	d-e	2160	MC U914CE	2200	18
	50	d-e	1420	MC U712A	1600	17
LONG BEACH						
Bawden Drlg	22	d-e	700	Emsco M58	800	10
LOS ANGELES						
Bawden Drlg	38	d-e	1800	Otwl 940E	1500	16
Big Chief Drlg	18	dsr	500	Hoop GXXTA	450	6
Brinkerhoff-Signal	90	dsl	4000	G-D 1500E	2000	25
California Prod Serv	M-72	dsl	500	Idco H35CKD	424	4
	M-73	dsl	370	Idco H35CKD	424	4

CALIFORNIA (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	4½ - in. Pipe, Rated Depth With 1000 ft.
LOS ANGELES (Cont'd)						
Kellogg & Sons, K L	40	el	850	Nat 610	750	12.5
	41	el	850	Nat 75	1000	14
Monterey Drlg	C	d-e	1000	Nat 100ME	1500	16
Republic Drlg	6	dsl	636	Idco H40	475	5.5
	16	dsl	636	Idco H35	318	4
	17	dsl	1100	Cbot 1287	636	7
Thompson Drlg	2	dsl	800	Emsco D550T		6.5
MONTEREY						
Loffland Bros	328	dsl	2160	Nat 130	2400	22
ORANGE						
Bawden Drlg	27	d-e	1500	Emsco A550E	1000	12
Loffland Bros	125	d-e	2180	MC U914	2200	18
RIO VISTA						
Bawden Drlg	18	d-e	2300	Nat 110M	150	16
SAN JOAQUIN						
Montgomery Drlg	7	dsl	1200	Nat 75	700	11
SAN MATEO						
Montgomery Drlg	15	d-e	2000	Nat 75CB	1000	14
SANTA BARBARA						
Bawden Drlg	50	d-m	1500	Nat 55	700	11
Kenai Drlg	4	dsl	900	Idco H40D	400	7
	5	dsl	1100	Nat T32	400	6.5
	7	dsl	800	MAC 400	425	7
	8	dsl	825	W-M T4054	425	70
	9	dsl	825	Idco H40	400	65
	24	d-e	1600	Nat CAE-75	1000	12
Montgomery Drlg	3					
SISKIYOU						
Brinkerhoff-Signal	83	d-e	2000	Emsco D3	2000	16
SOLANO						
Atlantic Oil	7	dsl	1020	Nat T32	450	7.5
Bawden Drlg	23	d-e	1700	Emsco A800WE	1000	14
Cleveland Drlg	2	dsl	600	S/B RR400	450	5
Loffland Bros	232	dsl	1000	MC U15	1000	12
Monterey Drlg	D	d-s	700	S/B N75	700	10
SONOMA						
Brinkerhoff-Signal	87	dsl	2000	Nat 80UE	2000	26
Coastal Drlg	8	dsl	900	Otwl 52T	550	7.5
Loffland Bros	27	d-e	2160	MC U20	2200	17
	92	d-e	2160	MC U914CE	2200	18
	105	d-e	2160	MC U914EC	2200	18
	306	gas	1150	S/B N95	1300	17
TEHAMA						
Hunnicutt Camp Drlg	1	dsl	950	Nat T32	320	9
VENTURA						
Bawden Drlg	10	d-e	2300	Otwl 940E	1500	18
	24	d-e	1550	Nat 80E	1000	14
Cal Pacific Drlg	3	d-e	1200	Sup 700UE	700	10
	7	d-e	950	Sup 700UE	700	7.5
Kenai Drlg	29	dsl	1200	Wils Giant	1200	10
	30	dsl	800	Idco H40	400	65
Loffland Bros	16	dsl	1900	MC U914C	2000	18
	212	gas	2000	MC U914A	1600	18
	217	gas	1600	MC U914C	1900	18
Monterey Drlg	A	d-e	1000	Idco 1040E	2000	18
Montgomery Drlg	1	d-e	3200	Nat 1320UE	3645	25
	2	d-e	2000	Otwl 940E	3000	18
Republic Drlg	11	dsl	636	Idco H30	318	3.5
	20	dsl	2400	S/B N95	1800	18
YOLO						
Atlantic Oil	14	dsl	1020	Idco H		6.5
Owens Serv, Jack	4	dsl	300	Idco H35	318	4
	6	dsl	300	Idco H35	300	4

COLORADO

Contractor	Rig No.	Type Power	Total HP All Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	4½ - in. Pipe, Rated Depth With 1000 ft.
UNDESIGNATED						
Bow Island Drlg	37	dsl	278	W-N 2000	175	3
	38	dsl	278	W-N 2000	175	3
Cardinal Drlg	4	dsl	560	Emsco GB350T	760	8.5
Excell Drlg	2	dsl	375	671 GMC	210	3.3
	4	dsl	230	Ewb M75	230	2
Toltek Drlg	1	dsl	440	S/B N4	440	8.5
Twin Arrow	309	dsl		S/B	575	6
Westburne Drlg	55	d-s	3310	Nat 1320UE	3310	22
	64	dsl	1680	MC U914C	1680	18

COLORADO (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	4½ - in. Pipe, Rated Depth With 1000 ft.
ADAMS						
Allison Bros Drlg	2	dsl	500	Crdw KB500	600	8
Exeter Drlg Northern	1	dsl	500	Nat 50A	750	9.5
	6	dsl	330	Nat T20	300	6
	22	dsl	500	MC U15	750	9.5
Gibson Well Serv, J W	98	dsl	700	Sup	700	10
Western Well Drlg	3	dsl	350	Fail	350	4
ARAPAHOE						
Exeter Drlg Northern	2	dsl	375	Emsco GA250	460	7.5
BACA						
Murfin Drlg	22	dsl	600	Nat 370	600	7.5
BOULDER						
Exeter Drlg Northern	40	dsl	500	MC U15	750	9.5
Tower Drlg	2	dsl	1000	Troy 600	600	10
CHEYENNE						
Murfin Drlg	14	dsl	400	Nat T45	700	8.5
DOLORES						
Loffland Bros	29	d-e	1400	MC U36A	1600	11
ELBERT						
Exeter Drlg Northern	23	dsl	500	MC U15	750	8.7
GARFIELD						
Veco Drlg	5	dsl	1400	OIME 750	950	11
	8	dsl	800	S/B 45	750	10
HUERFANO						

NICOR Drilling Company
(918) 587-5507

Nicor Drlg	38	dsl	1150	G-D 500	650	11
	44	d-e	1500	G-D 500E	650	11
KIOWA						
Murfin Drlg	25	dsl	600	Nat 370	600	7.5
Sage Drlg	1	dsl	350	Nat T32	500	7
KIT CARSON						
Murfin Drlg	27	dsl	475	S/B N46	580	10
True Drlg	26	dsl	900	Idco H725SC	900	10
LA PLATA						
Aztec Well Serv	124	dsl	600	Wils 75	1100	10
LARAMIE						
Toltek Drlg	2	dsl	680	Nat 50A	875	10.5
LINCOLN						
Murfin Drlg	26	dsl	475	S/B N42	580	10
LOGAN						
Allison Bros Drlg	7	dsl	500	Idco BIR800	900	12
Toltek Drlg	4	dsl	440	MC U34	440	7.5
MESA						
Loffland Bros	12	dsl	840	Idco Hydrair H44CSC	868	10
Nicor Drlg	37	dsl	965	Fail LC90	340	5
	39	dsl	820	Nat D300	260	5.5
Veco Drlg	1	dsl	400	Fail 90	400	5
	6	dsl	1400	OIME 750	950	11
MOFFAT						
Atco Drlg	5	dsl	326	Nat T32	326	7.5
Harpel Drlg	6	dsl	1300	Emsco D2	1300	14
MONTEZUMA						
Arapahoe Drlg	3	g-b	300	Wils Mogul	320	6.5
Coleman Drlg	3	dsl	555	Idco H44	700	8
Loffland Bros	26	d-e	2000	MC U36	1600	11
Mesa Drillers	1	dsl	600	Nat 50A	750	8
MORGAN						
Allison Bros Drlg	1	dsl	500	Idco BIR800	800	12
Allison Drlg	3	dsl	360	Crdw KB500	380	7.5
PROWERS						
Murfin Drlg	12	dsl	400	Beth C50	600	8
Zenith Drlg	7	dsl	600	S/B N4	400	6.9

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	Rated Depth With 4½ - in. Pipe, 1000 ft. •

COLORADO (Cont'd)

RIO BLANCO

All Western Drlg	4	dsl	1500	Sup 700	750	10
Loffland Bros	236	dsl	1260	MC U15	1000	10
Manning, R L	11	dsl	720	Nat 370	720	8.5
	19	dsl	925	Beth M58	980	10
Parker Drlg	56	dsl	1000	OIME SD5	1000	12.5
	148	dsl	1000	OIME 750	1000	13
Rio Grande Drlg	2	dsl	1000	Nat 80B	1500	16
Shelby Drlg	53-E	d-e	1000	Nat 370ESCR	700	10

RIO GRANDE

Dual Drlg	34	d-e	2000	Emsco D3	1000	16

WEBB

Toltek Drlg	3	dsl	680	S/B N4A	440	8.5

WELD

Exeter Drlg Northern	4	dsl	375	Nat T32	460	7.8
	5	dsl	300	MC U34D	300	6
	12	dsl	500	Nat T45	750	9.5
	14	dsl	375	Beth C50	600	7.8
	25	dsl	375	MC U15	500	8.5
	33	dsl	500	MC U15	750	8.5
	42	dsl	375	Nat T32	460	7.8
Gibson Well Serv, J W	75	dsl	450	Crdw K8500	450	8
Tower Drlg	1	dsl	550	Mac 400	400	8.5
	3	dsl	600	S/B N45	500	9
	4	dsl	600	S/B N46	800	10

YUMA

Western Well Drlg	1	dsl	350	Midway 2000	350	2.5
	2	dsl	350	Fail H2000	350	3.5

FLORIDA

COLLIER

Penrod Drlg	106	dsl	1575	Nat 80B	1780	15

ESCAMBIA

Tesoro Drlg	2	dsl	2600	Nat 1320M	2742	20

LEE

Penrod Drlg	108	dsl	1000	Nat 80B	1760	15

SANTA ROSA

Penrod Drlg	15	dsl	3000	G-D 2100	2200	30
Tesoro Drlg	3	dsl	2600	Nat 1320M	2742	25

WEBSTER

Penrod Drlg	109	dsl	2000	S/B N75A	1760	15

GEORGIA

WORTH

Hughes Drlg	16	dsl	500	S-Star SS40	220	3.5

IDAHO

BEAR LAKE

Parker Drlg	169	dsl	1650	OIME SL1000P	1650	20

CARIBOU

Loffland Bros	57	d-e	1800	Nat 80B	2000	16

ILLINOIS

UNDESIGNATED

Beard Drlg (IL)	1	dsl	400	Nat T12	350	4.5
Gallagher Drlg	4	dsl	500	Beth S45E	476	6
Snyder Drlg Well Serv	1	dsl	400	S/B 55	400	6.5

Clark

Precision Expl	2	dsl	400	WEIS W-45400	400	6.5

CLAY

Mitchell Drlg	1	dsl	400	Beth SN45	400	6
Precision Expl	1	dsl	400	Nat T20	470	8

EDWARDS

Mitchell Drlg	7	dsl	400	Idco H35	400	6.5
Ram Drlg	2	dsl	1800	Nat T12	1800	5
	3	dsl	380	Nat T12	380	4
	4					

ILLINOIS (Cont'd)

FAYETTE

Smith Drlg	2	dsl	250	Nat T8	320	3
	7	dsl	500	G-D 2500	380	3
	8	dsl	300	Lee	380	4.5

FRANKLIN

Mitchell Drlg	4	dsl	400	S/B N4	400	6

GALLATIN

Smith Drlg	3	dsl	320	S/B N4	550	6

HAMILTON

Ram Drlg	1	dsl	1800	Idco HD35	1800	6

JEFFERSON

Precision Expl	5	dsl	400	Nat T20	385	6

LAWRENCE

Smith Drlg	6	dsl	1025	S/B N45M	650	10

MARION

Mitchell Drlg	9	dsl	600	G-D 500M	600	10

RICHLAND

Precision Expl	4	dsl	400	Nat T20	400	6

SALINE

Mitchell Drlg	5	dsl	400	S/B N4	400	6

WABASH

Davis Drlg	1	dsl	300	Wils Mogul 38	300	3.5

WASHINGTON

Oelze, Elmer Jr	1	dsl	475	Lee 650	475	8.5
	2	dsl	475	W-N 25040	380	8
	3	dsl		W-N S34A	180	5
	4	gas		Crdw HL	140	4

WAYNE

Barr Drlg	1	dsl	671	Nat T12	335	4.5
Precision Expl	3	dsl	400	Nat T16	470	6
Ram Drlg	5	dsl		Nat T16	Cat 340	8
Snyder Drlg Well Serv	2	dsl	400	Beth 545	400	6

WHITE

Harris Drlg	1	dsl	500	Nat T12	380	4
	4	dsl	500	Nat 50	380	6
Smith Drlg	11	dsl	450	Nat T20	450	6
Wilson Inc, Lee	11	dsl	300	Idco H35	450	5
	12	dsl	500	Idco H35	400	5
	15	dsl	500	Idco H35	400	5
	17	dsl	500	Idco H37	550	6

INDIANA

UNDESIGNATED

Gwaltney Drlg	1	dsl	300	Nat T12	225	3
Kendall Drlg	3	dsl	450	S/B N4	300	5.5
Lohmann Inc, J Roy	21	dsl		Nat T12		4

POSEY

J-V Drlg	6	dsl	145	Speedstar SS15S	145	1.8/ 3.5"
Kendall Drlg	2	dsl	450	S/B N4	350	5.5
Lohmann Inc, J Roy	6	dsl	600	Nat 50	600	6.5
Mitchell Drlg	8	dsl	400	MAC 300	300	4.2
Smith Drlg	9	dsl	320	S/B N4	450	6

VANDERBURGH

Big Seven Drlg	7	dsl	450	Emsco GB250	400	6
J-V Drlg	8	dsl	145	Speedstar SS15S	145	1.8/ 3.5"
	9	gas	85	Cbot F	85	6/ 2.98"

KANSAS

UNDESIGNATED

Abercrombie Drlg	10	dsl	365	Cbot Trl Mtd	220	4.5
	11	dsl	600	Emsco 350	700	7.5
Berentz Drlg	3	dsl	350	Nat T12	350	3.5
	4	dsl	225	S-Star	225	1.5
Carter Land & Cattle	1	dsl	250	G-D 1000	350	1
Edco Drlg	3	dsl	125	Crdw J101	235	7.5
Gabbert-Jones	12	dsl	450	S/B N42	525	8
Hamm Drlg	1	dsl	400	W-H Apache	425	6

KANSAS (Cont'd)

UNDESIGNATED (Cont'd)

KANDRILCO Inc	1	dsl	375	Emsco GA250T	475	5.5
	2	dsl	375	MAC 400	475	5.5
Peters Drlg	4	dsl	250	Crdw RL	250	6
	8	dsl	250	Crdw DB200	250	6
Rains & Williamson Oil	4	dsl	400	S/B N4	450	5.5
	5	dsl	400	Idco H40	525	7
	11	dsl	300	S/B	500	4.5
Red Tiger Drlg	1	dsl	700	MC U15	700	6
	2	dsl	700	Emsco GA250	700	5.5
	3	dsl	700	Idco H35	700	5.5
	4	dsl	700	Idco H35	700	5.5
	5	dsl	700	Unit U15	700	6
	6	dsl	700	Idco H35	700	6
	7	dsl	700	Emsco GA250T	700	8.5
	8	dsl	700	Emsco GA250T	700	8.5
	9	dsl	700	MC U10	700	8
	10	dsl	700	TSM 6000	700	7

BARBER

Aldebaran Drlg	2	dsl	525	Nat T32	500	7.2
Allen Drlg	5	dsl	525	Nat 370	600	7
Beredco	2	dsl	525	Nat 370	575	7
Damac Drlg	1	dsl	350	Wils Giant	350	6
Graves Drlg	1	dsl	100	S/B N4	400	5
H30 Drlg	3	dsl	280	Idco H40	312	8
Leben Drlg	7	dsl	500	G-D 3000	500	7
Wheatstate Oilfield	1	dsl	340	Idco H35	525	6

BARTON

Allen Drlg	3	dsl	375	Idco H25	480	5
Damac Drlg	3	dsl	930	Wils Mogul	620	9.5
	7	dsl	550	S/B N4	375	6
Duke Drlg	1	dsl	375	MC	375	5
	3	dsl				
H30 Drlg	2	dsl	280	MAC 400	312	8
Rockhold Engr	3	gas		Crdw RL	150	

BUTLER

Brandt Drlg	3	dsl	350	W-N R4	330	3.5
Edco Drlg	5	dsl	475	Crdw KB200	375	4.5
Range Drlg	1	dsl	360	Cbot SAL4500	440	3.5

CHAUTAUQUA

Edco Drlg	4	dsl	125	Davey	235	7.5
White & Ellis Drlg	5	dsl	300	Emsco GA150	475	4

CLARK

Damac Drlg	8	dsl	400	Idco H35	450	7.5
Lauck Oil	1	dsl	350	MC U15	400	6
Murfin Drlg	19	dsl	525	Wils Super Mogul 42	525	6.5
Rine Drlg	8	dsl	700	S/B N55	700	8.5

COFFEY

White & Ellis Drlg	3	dsl	345	Nat T12	345	4.5

COMMANCHE

Gabbert-Jones	9	dsl	310	Nat T32	450	6

COWLEY

R R A Inc	1	dsl	335	Coop 350	325	6.5
Range Drlg	2	dsl	350	Wils Giant	350	5.5
	3	dsl	350	MC U10A	350	5.5
White & Ellis Drlg	4	dsl	300	Emsco GA250	300	5

DECATUR

Murfin Drlg	2	dsl	400	Nat T32	400	6

EDWARDS

H30 Drlg	12	dsl	300	Crdw V450	525	6.5
Sterling Drlg	2	dsl	350	MAC RV34B	285	4.8
	4	dsl	450	MC U15	285	5

ELLIS

Allen Drlg	4	dsl	375	Nat T16	525	5
Big Springs Drlg	3	dsl	450	S/B N4	450	5
Buffalo Drlg Co	7	dsl	360	S/B N4	460	5.5
Duke Drlg	2	dsl	250	Nat	250	5
Dunne-Gardner Petr	2	dsl	400	Idco H35	450	7

ELLSWORTH

White & Ellis Drlg	2	dsl	425	Emsco GA250	475	4.5

FINNEY

Cheyenne Drlg	1	dsl	450	Owl 52T	525	6.5
	6	dsl	800	Beth 450T	750	85
Sage Drlg	2	dsl	350	Owl T52	500	6.5

FORD

Slawson Drlg	4	dsl	6500	Idco H35	360	6

GOVE

Abercrombie Drlg	8	dsl	365	Beth S50	365	5.5
	9	dsl	365	Beth Breeze	365	5.5

KANSAS (Cont'd)

Contractor	Rig No.	Type Power	Mud Pumps	Drawworks Make And Model	Total HP Available To Drawworks	Rated Depth With 4½" I.D. Pipe, 1000 ft.
GOVE (Cont'd)						
Aldebaran Drlg	1	dsl	525	S/B N42	600	7.2
Beredco	3	dsl	500	MC U15	600	7.5
Murfin Drlg	21	dsl	375	Idco H35	475	6.5
Slawson Drlg	3	dsl	480	Idco H35	480	7
GRAHAM						
Big Springs Drlg	2	dsl	360	Nat T32	360	5.5
GREELEY						
Gibson Well Serv, J W	90	dsl	450	Cbot M1287	450	6
GREENWOOD						
Edco Drlg	1	dsl	375	Sullivan 500A	318	3
HARPER						
Bergman Drlg	1	dsl	350	Emsco	350	5.5
FWA Drlg	32	dsl	600	Wils Mogul 42	375	6
Gabbert-Jones	6	dsl	450	Nat T32	310	6
Heartland Drlg	1	dsl	500	Idco H35S	650	6.5
H30 Drlg	5	dsl	312	Idco H35	510	6.5
Rains & Williamson Oil	3	dsl	525	Crdw J580	525	6.7
Sweetman Drlg	1	dsl	800	Nat 370	800	9
HODGEMAN						
White & Ellis Drlg	9	dsl	410	S/B N46	750	10.5
JACKSON						
Edco Drlg	6	dsl	375	Crdw KB150	435	3.5
KEARNY						
Cheyenne Drlg	4	dsl	600	Nat 370	600	8.5
KINGMAN						
Brandt Drlg	2	dsl	350	Nat 370	600	7.5
Kansas Drlg & Well Serv	4	dsl	750	KREMCO K600	500	7
Pickrell Drlg	19	dsl	370	MC U15	370	5.5
KIOWA						
Abercrombie Drlg	6	dsl	385	Idco H35	385	6
Eagle Drlg	1	dsl	600	Nat 370	650	7
Freeman Drlg	1	dsl	525	Idco H48	600	8.5
Wheatstate Oilfield	3	dsl	340	Emsco 250	425	5
White & Ellis Drlg	8	dsl	410	Emsco 360	750	7.5
LANE						
Galloway Drlg	1	dsl	300	Nat T32	300	5
H30 Drlg	11	dsl	260	Idco H36	312	5.5
Murfin Drlg	23	dsl	375	Idco H35S	475	6.5
Slawson Drlg	1	dsl	360	Idco H35	360	5.5
LOGAN						
Abercrombie Drlg	5	dsl	750	Idco 725	600	10
Stoeppelwerth Drlg	1	dsl	375	Nat T32	375	5.5
MARION						
Blackstone Drlg	4	dsl		BDW	450T	4
Edco Drlg	2	dsl	375	Sullivan 300	375	3
Kansas Drlg & Well Serv	1	dsl	365	Cbot 1088	360	4
MC PHERSON						
Blackstone Drlg	3	dsl	300	BDW 450T	300	5
MEADE						
Bohannon Drlg	2	dsl	750	Idco H36DC	650	8.5
Gabbert-Jones	3	dsl	410	Emsco 350	475	8
MORTON						
Gabbert-Jones	3	dsl	450	Nat T32	450	6
NEOSHO						
Carter Land & Cattle	2	dsl	250	G-D 1900	350	1
NESS						
Allen Drlg	1	dsl	450	Nc1 T32	525	5
Pickrell Drlg	1	dsl	450	MC U15	450	6.5
Rains & Williamson Oil	2	dsl	450	Ohel 52-7	450	6.7
Slawson Drlg	2	dsl	360	Idco H35	360	5.5
OSBORNE						
Rains & Williamson Oil	9	dsl	300	Beth	300	4.5
PAWNEE						
Farmer, John O	4	dsl	330	Idco H30	330	5.5
H30 Drlg	7	dsl	260	MC Mac400	312	8
J W Drlg	1	dsl	370	MC U15	370	6
Murfin Drlg	16	dsl	400	Idco H35	475	6.5

KANSAS (Cont'd)

Contractor	Rig No.	Type Power	Mud Pumps	Drawworks Make And Model	Total HP Available To Drawworks	Rated Depth With 4½" I.D. Pipe, 1000 ft.
PRATT						
Dunne-Gardner Petr	1	dsl	350	Emsco 250	450	5
Wheatstate Oilfield	2	dsl	450	Mini-Max 15	450	6.5
RAWLINS						
Murfin Drlg	3	dsl	400	Nat T25	400	6
RICE						
Sterling Drlg	5	dsl	350	Emsco GB250	600	7
	6	dsl	350	G-D 2000	350	2.8
ROOKS						
Abercrombie Drlg	4	dsl	385	Idco H35	385	6
Murfin Drlg	8	dsl	400	Misc 400	400	6
Rockhold Engr	7	gas		W-N	200	
RUSSELL						
Shields Drlg	2	dsl	300	Bath C50	300	3.5
SALINE						
Big Springs Drlg	1	dsl	360	Beth S4513	360	5
Kansas Drlg & Well Serv	5	dsl	750	Crdw KB209C	40	6
SCOTT						
Abercrombie Drlg	1	dsl	385	MC U34	385	5
SEDGWICK						
McAllister Drlg	9	dsl	300	Idco H30	300	5.5
SEWARD						
Bohannon Drlg	1	dsl	750	Idco 725	750	9.5
Sage Drlg	5	dsl	350	Nat T32	500	7
Zenith Drlg	2	dsl	400	Emsco 350	400	9
	4	dsl	1200	U15	800	13.5
	6	dsl	600	Emsco 350	400	9
STAFFORD						
Aldebaran Drlg	4	dsl	550	S/B N42	500	7.2
Buffalo Drlg Inc	1	dsl	500	S/B N4	400	6
Lauck Oil	2	dsl	350	S/B N45	400	6
Rains & Williamson Oil	7					
Sterling Drlg	1	dsl	350	MC U34	285	4.8
Wheatstate Oilfield	4	dsl	525	Emsco GB160	525	4
White & Ellis Drlg	10	dsl	410	Beth S45E	410	5
STANTON						
Gabbert-Jones	11	dsl	310	Nat 370	450	6
STEVENS						
N R G Drlg	1	dsl	560	Wils Mogul 42	560	7
SUMNER						
Aldebaran Drlg	3	dsl	525	Idco	600	7.2
McAllister Drlg	10	dsl	300	S/B N4	300	60
White & Ellis Drlg	7	dsl	300	MC U34	475	4
TREGO						
Abercrombie Drlg	7	dsl	385	MC U34	385	5
	12	dsl	385	Beth Freeze	300	5.5
Allen Drlg	2	dsl	375	Nat T32	525	5
Murfin Drlg	16	dsl	400	Emsco S45E Beth	400	6

KENTUCKY

Contractor	Rig No.	Type Power	Mud Pumps	Drawworks Make And Model	Total HP Available To Drawworks	Rated Depth With 4½" I.D. Pipe, 1000 ft.
UNDESIGNATED						
Gallagher Drlg	5	dsl	300	Nat T12	310	3.5
	7	dsl	350	Nat T20	475	5
DAVIESS						
Kendall Drlg	1	dsl	450	Nat T12	300	60
HENDERSON						
Big Seven Drlg	11	dsl	360	Emsco GB160	335	4
HOPKINS						
Crescent Drlg	4	dsl	525	Emsco S45A	420	5
W W Corp	1	dsl	450	G-D 3000	450	5
Weal Drlg	2	dsl	335	Crdw S	335	4
JOHNSON						
Ray Resources	6	dsl	4x8	Idco DR7015	700	8
UNION						
Mitchell Drlg	6	dsl	400	Wils Super 36	400	6
WEBSTER						
Crescent Drlg	8	dsl	525	Emsco S45B	420	5
Weal Drlg	1	dsl	325	Nat T12	360	4
WHITLEY						
Norman Drlg, James R	1	dsl	750	I-R	450	2.5

LOUISIANA

Contractor	Rig No.	Type Power	Mud Pumps	Drawworks Make And Model	Total HP Available To Drawworks	Rated Depth With 4½" I.D. Pipe, 1000 ft.
UNDESIGNATED						
B-E Drlg	1	dsl	900	Emsco A500	900	10
Bailey Drlg	2	dsl	2000	Nat 80B	1950	14
Comet Drlg	4	dsl	1700	S/B N75	980	12
	6	dsl	2550	Idco Super 7-11	1700	18
	10	dsl	1700	Cbot 980	980	10.5
	14	dsl	2900	G-D 1500	2980	25
Continental Drlg	3	d-e	2900	Idco E1700	1700	19
Culver Drlg	10	dsl	1500	Nat 110	1560	16
	14	dsl	2400	MC UB14	2400	16
D B Drlg	28	dsl	1650	Emsco EDA	1650	15
	29	dsl	1100	Nat 75	1100	13.5
	30	dsl	1100	Beth 450	1100	12.9
Harris Well Serv	17	dsl	316	Idco H35	316	7.5
	18	dsl	316	Idco H35	316	7.5
	19	dsl	316	Idco H35	316	7.5
	21	dsl	316	Idco H35	316	7.5
	22	dsl	316	Idco H35	316	7.5
	23	dsl	316	Idco H37	480	8
	24	dsl	316	Idco H35	316	7.5
	25	dsl	632	Idco H44	632	10
	27	dsl	316	Idco H35	316	7.5
	28	dsl	316	Idco H35	316	7.5
	29	dsl	316	Idco H35	316	7.5
	31	dsl	316	Coop LTD35B	316	7.5
	32	dsl	316	Idco H35	316	7.5
	33	dsl	960	Idco H44	960	10
	34	dsl	600	Cbot 750	960	8
	35	dsl	600	Wils 75	960	10
Justiss Oil	27	dsl	700	Beth MC450	960	12
	38	dsl	2680	Emsco J1160	2680	20
Mosley Well Serv	7	dsl		Cbot	475	10
Noble Drlg	OW-21	e-e	3300	Ohel E2000	3300	25
	OW-31	el	3135	Ohel E3000	3135	25
Transcontinental Drlg-Magnolia	1	dsl	350	Emsco GB250T	350	6.5
	23	dsl	1080	S/B N75	1080	12
	83	dsl	1080	G-D 800	1000	15
ACADIA						
Bailey Drlg	6	dsl	3000	Nat 110M	3000	18
	21	dsl	500	Emsco J750	680	11
Butler-Johnson	15	dsl	1000	Nat 80B	1950	15
Cliffs Drlg	26	dsl	2000	Nat 110	1650	18
Delta Drlg	93	d-e	2000	Emsco D3 Type II	2582	16
	97	dsl	2000	Emsco J1160	1560	16
Great Southern Oil & Gas	5	dsl	500	Wils	316	6
	42	dsl	665	Idco	636	10
Grey Wolf Drlg	8	d-e	3000	Emsco C2 Type II	2000	25

NICOR Drilling Company
(918) 587-5507

Contractor	Rig No.	Type Power	Mud Pumps	Drawworks Make And Model	Total HP Available To Drawworks	Rated Depth With 4½" I.D. Pipe, 1000 ft.
Nicor Drlg	68	dsl	2100	MC U712A	1200	16
Power Rig Drlg	22	d-e	2700	Idco E1700	1700	18
ALLEN						
Delta Drlg	35	d-e	2600	Emsco C1 Type II	3100	20
Power Rig Drlg	8	dsl	800	Emsco D2	880	11
ASCENSION						
Bailey Drlg	7	dsl	1200	G-D 800	1200	11
Loffland Bros	167	dsl	2160	MC UB14C	2400	20
ASSUMPTION						
Nicor Drlg	58	dsl	1800	MC U15	700	12
Wilson Bros Drlg	6	dsl	2680	Nat 1320	2700	30
BATON ROUGE						
Penrod Drlg	110	dsl	1600	Nat 1625M	2200	30
BEAUREGARD						
Challenger Drlg	21	dsl	900	S/B N75	1000	12
Murco Drlg	6	dsl	2200	S/B N85	1980	14
Richards Drlg Co	3	dsl	1800	S/B N75	1200	12.5
Tesoro Drlg	4	dsl	2800	Nat 1320M	2742	25
Wooff & Magee	3	dsl	1450	G-D 700	1275	13.5
	6	dsl	850	Idco H35	500	10
	11	dsl	850	Beth S45E	500	9.5
BIENVILLE						
Noble Drlg	ES53	dsl	800	Emsco A500	800	12
Sawyer Drlg & Serv	14	dsl	540	Duggan D55	540	9.5
BOSSIER						
Butler Johnson	5	dsl	1800	S/B N85	1800	20
	6	dsl	2000	S/B N85	1900	15
H & S Drlg	2	dsl	1700	S/B N85	2145	14

LOUISIANA (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Main Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
BOSSIER (Cont'd)						
Nowotny & Conley Drlg	1	dsl	2000	OIME SL-1000	1350	15
Remco Drlg	1	dsl	900	Cbot 2042	475	10
	2	dsl	1200	S/B TR900	900	12
Sawyer Drlg & Serv	4	dsl	1000	S/B N7	1000	12.5
	12	dsl	900	Wils Giant	900	12
Shuler Drlg	5	dsl	325	Beth	300	5/ 3.5"
CADDO						
Lagerstein Drlg	9	d-e	2500	Idco 2500E	2500	22
Nelson Drlg & Well Serv	1	dsl	600	S-H 7080	600	9
Sawyer Drlg & Serv	9	dsl	800	S/B N45-M	600	10
Whaless Drlg	1	d-e	3200	Emsco C2 Type II	2000	25
CALCASIEU						
American Well Serv & Drlg	11	dsl	1700	S/B H14610A	575	8
Comet Drlg	12	dsl	1700	Cbot 1200	1200	13.5
Delta Drlg	85	d-e	2000	Emsco C2 Type II	2456	25
Goldrus Drlg	2	d-e	2000	Owl E2000	2000	25
Grey Wolf Drlg	4	dsl	1500	Emsco GB800	800	12.5
	5	d-e	2000	Emsco EDA	2000	25
Henley Drlg	5	dsl	4000	Emsco C1	2000	18
Loffland Bros	339	dsl	2400	MC U1220	2775	22
Moran Bros	174	dsl		Nat 110M		18
Nicklos Drlg	71	d-e	2000	Owl E2000	2000	25
Nicor Drlg	77	d-m	2300	Nat 108	700	16
NL Well Serv	247	dsl	700	Cbot 2042	600	7.5
Parker Drlg	215	gas	2200	OIME 1500C	2200	22
Power Rig Drlg	17	d-e	3000	Idco E1700	2400	16
CALDWELL						
D B Drlg	10	dsl	174	Schl SCR60	1248	12.5
Sawyer Drlg & Serv	10	gas	1200	Wmn 1000	1200	13
CAMERON						
Bailey Drlg	6	dsl	2000	Nat 110M	1300	20
Cliffs Drlg	16	dsl	2400	Nat 1320	2475	25
CRC Mallard Well	15	dsl	1300	Wils 90	800	14.5
	16	dsl	1300	Wils 90	800	14
	19	dsl	1300	Wils 90	800	14.5
Goldrus Drlg	11	dsl	1500	S/B N12A	2000	16
Grey Wolf Drlg	10	dsl	2000	Emsco C1	2000	18
Power Rig Drlg	14	d-e	3200	Idco E2100	4161	25
	16	d-e	2000	Emsco C1 Type II	3094	18
	18	dsl	3200	Emsco C2	2000	25
	20	d-e	2000	Emsco C2	2000	30
Woolf & Magee	12	dsl	650	Idco H35S	500	10
CATAHOULA						
D & D Drlg	9					
	5	dsl	700	Beth S45E	500	80
Justiss Oil	10	dsl	450	Beth 45E	500	6.5
CLAIBORNE						
Exeter Drlg Southern	45	dsl	2000	G-D 700	1000	12.5
Nelson Drlg & Well Serv	2	dsl	1000	S/B N75	1000	13
Sawyer Drlg & Serv	1	dsl	700	S/B N7	700	11
COLORADO						
M N D Drlg-Southern	11	d-e	1820	S/B N95	1820	20
CONCORDIA						
Justiss Oil	17	dsl	350	Beth S45E	350	7.5
Munco Drlg	58	d-e		Sup 400SE		9.4
New Drlg, David	3	dsl	400	S-H 5080	400	6
Wilcox Drillers	5	dsl	700	Beth S45E	500	8.5
	7	dsl	350	Beth S40A		8
DE SOTO						
Rogers Drlg	2	dsl	500	S-H 7080	650	9.3
EAST BATON ROUGE						
Helmerich & Payne	73	d-e	2835	Owl 3000N	3400	30
JFP Well Serv	4	dsl	2000	Owl E2000	2000	25
Loffland Bros	31	d-e	3200	MC U1220EBD	2500	30
	114	d-e	3300	MC U1220EBD	3300	30
	116	d-e	3300	MC U1220EBD	3300	30
Parker Drlg	174	dsl	3000	OIME Hercules 3000E	3000	30
Penrod Drlg	4	dsl	3425	Emsco C2	2500	30
	5	d-e	3425	Emsco C3	3200	30

LOUISIANA (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Main Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
EAST FELICIANA						
Goldrus Drlg	6	d-e	3400	Owl E2000	1700	20
EVANGELINE						
Murco Drlg	50	d-s	2200	Owl 860E	2000	18
Wilson Bros Drlg	10	dsl	2200	Nat 110	2100	20
FRANKLIN						
Energy Drlg	1	dsl	400	Beth S45A	500	9
IBERIA						
CRC Mallard Well	11	dsl	800	Wils 90	800	11
Parker Drlg	180	dsl	3000	OIME Hercules 3000E	3000	30
Power Rig Drlg	20	dsl	1850	Idco E900	900	13
Resource Drlg	RD17	dsl	1560	Nat 80B	1835	14
Wilson Bros Drlg	7	dsl	1400	Nat 80B	1400	12.5
IBERVILLE						
Bailey Drlg	1	dsl	1500	S/B N75	850	12
Goldrus Drlg	7	dsl	1750	S/B N95	1560	16
Resource Drlg	RD7	dsl	1560	Nat 80B	1835	14
JACKSON						
Dual Drlg	11	dsl	1850	Owl 860	1400	18
Sawyer Drlg & Serv	5	dsl	1500	S/B N75	1500	13
	7	gas	900	Idco 750	900	13
	13	dsl	400	Wils Giant	400	9
JEFFERSON						
Goldrus Drlg	22	dsl	1250	Cbot 1000	872	13.5
NL Well Serv	298	dsl				
JEFFERSON DAVIS						
American Well Serv & Drlg	15	dsl	1700	S/B DH14610	900	12
Grey Wolf Drlg	9	d-e	3000	Emsco CZ11	2000	25
Power Rig Drlg	21	dsl	3500	Emsco C2	2000	25
Richards Drlg Assocs	10	d-e	3400	Owl E3000	3000	30
Woolf & Magee	4	dsl	850	Idco H35	500	10
LA SALLE						
D & D Drlg	3	dsl	875	S/B N45	530	8.5
Justiss Oil	37	dsl	200	J-M500	225	5
	39	dsl	300	J-M 6500	400	6.5
LAFAYETTE						
Butler-Johnson	11	d-e	2000	Nat 110UE	2000	20
Grey Wolf Drlg	11	dsl		Owl 86	2000	18
JFP Well Serv	6	dsl	2000	Owl E2000	2000	25
M G F Drlg-Lafayette	41	dsl	1600	Owl 96	1600	15
	42	dsl	1500	Owl 96	1500	16
	44	dsl	2000	MC U914	1500	18
	401	d-e	1600	Nat 320UE	2000	25
Nicor Drlg	63	dsl	2650	Owl 96	1500	18
Penrod Drlg	11	dsl	2600	Nat 1320M	3425	25
	14	dsl	3075	S/B N12A	1840	20
	17	dsl	2600	Nat 1320M	3425	25
	27	dsl	2600	Emsco C2	2000	25
Power Rig Drlg	12	dsl	3200	Emsco A1500M	2200	30
	19	dsl	3000	Emsco C3	3300	30
Williams Drlg	1	d-e	3200	G-D 1500	2000	25
	2	d-e	3200	G-D 1500	2000	25
LAFOURCHE						
American Well Serv & Drlg	14	dsl	1700	S/B H14610A	575	10.5
Cliffs Drlg	18	dsl	2600	Nat 110	2475	20
Goldrus Drlg	8	d-e	1750	Owl 840E	1700	18
Grey Wolf Drlg	3	d-e	3000	Emsco ECB	2000	25
Loffland Bros	145	dsl	2955	MC U1220	2955	20
M G F Drlg-Lafayette	47	dsl	1800	Idco S711	1500	18
Nicklos Drlg	75	dsl	2000	Owl 860M	2700	18
Power Rig Drlg	15	dsl	2350	Emsco C1 Type III	1950	18
LINCOLN						
D B Drlg	27	dsl	1500	Nat 50A	1000	11.5
Rosamond Drlg	7	dsl	1275	S/B N10	1275	12.5
Sawyer Drlg & Serv	8	gas	1100	S/B N7	1100	11.5
LIVINGSTON						
Cliffs Drlg	24	dsl	2600	Nat 1320	2475	25
Delta Drlg	25	dsl	2300	Emsco C1 Type III	2592	18
Grey Wolf Drlg	7	d-e	3000	Emsco C11	2000	25
Parker Drlg	175	dsl	3000	OIME Hercules 3000E	3000	30
Transcontinental Drlg-Jackson	93	dsl	1000	G-D 800	1000	15

LOUISIANA (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Main Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
NATCHITOCHES						
Murco Drlg	34	dsl	2200	Owl N760	1350	15
Nowotny & Conley Drlg	5	dsl	3200	Emsco C3	3000	30
Penrod Drlg	28	dsl	3425	Nat 1320M	2200	25
	107	dsl	1000	Nat 80B	1760	15
Wheless Drlg	3	dsl	1800	Emsco C13	1800	18
OUACHITA						
Butler-Johnson	8	dsl	2300	G-D 1500	2200	20
Murco Drlg	2	dsl	2200	Owl 760E	1000	15
Sawyer Drlg & Serv	3	dsl	1100	S/B N7	1100	12
POINTE COUPEE						
Cliffs Drlg	43	d-e	2600	Nat 1320UE	3300	25
Comet Drlg	18	d-s	2700	I-R 2550HL	1500	16
Delta Drlg	82	d-s	3200	Emsco C2 Type II	3456	25
Dual Drlg	28	d-e	3400	Owl E3000	2300	30
Eljay Drlg	2	d-s	2800	Owl E2000	2000	25
	4	d-s	3400	Owl E3000	3000	30
Helmerich & Payne	83	d-e	2800	Owl E2000	2000	26
Murco Drlg	46	d-s	2800	Owl E2000	2000	30
Parker Drlg	165	dsl	3000	OIME Hercules 3000E	3000	30
Penrod Drlg	1	dsl	3425	Nat 1625M6	2200	30
	122	dsl	1300	Nat 1625M	2000	25
RAPIDES						
Rebel Rig #3 Ltd	3	dsl	500	Idco H30	400	9
RAPIDS						
Justiss Oil	10	dsl	500	S/B N45	600	10
RICHLAND						
Justiss Oil	8	dsl	450	Emsco GA500	900	11
ST BERNARD						
CRC Mallard Well	18	dsl	1300	Wils 90	800	14.5
	20	dsl	1300	Wils 90	800	14.5
Nicklos Drlg	32PB	d-e	3400	Owl E2000	2000	25
Wilson Bros Drlg	9	dsl	2600	Nat 110	2700	20
ST CHARLES						
Goldrus Drlg	10	dsl	1250	Beth MA810	1176	13
ST HELENA						
Transcontinental Drlg-Jackson	14					
ST JAMES						
Delta Drlg	65	dsl	2300	Emsco C1 Type III	2592	18
Dual Drlg	21	dsl	2250	Emsco C1	1600	22
Nicor Drlg	32	d-e	2700	MC 1220EB	2000	25
Power Rig Drlg	9	dsl	1850	Emsco D3	1450	14
ST LANDRY						
Goldrus Drlg	1	d-e	2000	Owl E3000	3000	30
Nicklos Drlg	77	d-e	1600	Emsco C1II	1530	16
	79	d-e				
	80	d-s	4800	Emsco C3	3000	30
ST MARTIN						
Bailey Drlg	4	dsl	2900	Nat 1320M	3000	20
CRC Mallard Well	12	dsl	800	Wils 90	800	11
Goldrus Drlg	9	dsl	1750	Beth M810	1560	16
Nicklos Drlg	78	dsl	1400	Nat 80B	1080	14
	35PB	d-e	3400	Owl E2000	2000	25
Nicor Drlg	76	d-m	1700	Nat 75	750	15
	78	d-m	2650	Nat 100	750	14
Power Rig Drlg	10	dsl	2600	Emsco A1500	1450	30
ST MARY						
Cliffs Drlg	30	dsl	2600	Nat 1320	2475	25
Goldrus Drlg	20	dsl	1950	Cbot 1200	1054	15
Grey Wolf Drlg	6	d-e	3000	Emsco C11	2000	25
Loffland Bros	103	d-e	3300	MC U1220EBD	3300	30
Power Rig Drlg	24	d-e	3300	Emsco C3	3000	40
TENSAS						
New Drlg, David	7	dsl	400	MC U34	450	7
TERREBONNE						
Bay Drlg	1	dsl	3600	Nat 1320M	3600	25/ 5"
CRC Mallard Well	14	dsl	1300	Wils 90	800	14.5
Nicor Drlg	202	d-e	2600	Nat 1320UE	2000	25
Penrod Drlg	29	dsl	3425	Nat 1320M	2200	25
Power Rig Drlg	11	dsl	2700	Emsco C1	2000	25
UNION						
D B Drlg	10	dsl	720	S/B N4	450	8

LOUISIANA (Cont'd)

• Contractor	Type Power, Rig No. •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	Rated Depth With 4½ - in. Pipe, 1000 ft. •
VERMILION					
CRC Mallard Well	17 dsl	1300	Wils 90	800	14.5
Delta Drlg	16 dsl	2600	Nat 130	2250	25
Glendel Drlg	5 d-e	2000	G-D 1100E	2000	1.8
	6 d-e	2000	G-D 1100E	2000	1.8
Goldrus Drlg	15 dsl	1740	Beth M810	1560	16
Great Southern Oil & Gas	37 dsl	1000	Idco	636	10
Grey Wolf Drlg	2 d-e	3000	Emsco C11	2000	25

NICOR Drilling Company
(918) 587-5507

Nicor Drlg	34 d-e	2600	MC U914EC	1500	21
	67 d-e	1700	Oilwell 660E	700	15
	72 dsl	2600	Nat 1320M	2000	25
	74 d-m	2900	Nat 1320M	2000	25
	201 d-e	2600	Nat 1320UE	2000	25
Resource Drlg	RD-30 dsl	3105	Nat 1625	3740	30
	RD1 dsl	3105	Nat 1320	3740	25
	RD11 dsl	3105	Nat 1625	3740	30
Santa Fe Drlg	120 d-e	3400	Emsco C311E	3000	25
Tesoro Drlg	6 dsl	2600	Nat 1625M	2742	30
VERMILLION					
Comet Drlg	8 dsl	1700	Cbot 1200	1200	13.5
Delta Drlg	76 d-s	3200	G-D 3000RE	4600	30
Wilson Bros Drlg	4 dsl	2600	Nat 110	2700	20
VERNON					
Resource Drlg	RD12 dsl	3105	Nat 1625	3740	30
WASHINGTON					
Chesley Pruet Drlg	6 d-e	2000	Emsco D3	1000	16
WEBSTER					
Butler-Johnson	1 dsl	1900	S/B N85	1900	15
	4 dsl	1200	S/B N75	1200	12.5
	10 dsl	1500	G-D M800	1500	14
	13 dsl	1200	S/B N75B	1200	13
D B Drlg	21 dsl	750	S/B N4	450	80
H & S Drlg	1 dsl	1700	S/B N95	2145	14
Wheless Drlg	10 dsl	1800	Emsco C13	1800	16
WEST BATON ROUGE					
Delta Drlg	47 dsl	2300	Nat 130	2250	20
Dual Drlg	9 dsl	2700	Nat 1320M	2000	25
Wilson Bros Drlg	14 dsl	2600	Nat 110	2700	20
WEST FELICIANA					
Loffland Bros	115 d-e	3300	MC U1220EBD	3300	30
WINN					
Grace France Drlg	8 dsl	2400	Oilwell 760E	2400	17

MICHIGAN

UNDESIGNATED					
Cardinal Drlg	21 dsl	1000	Emsco GC500	1000	12.5
BAY					
Bigard Drlg	11 d-e	2000	Idco ED1200	2000	20
CRAWFORD					
Bigard Drlg	3 dsl	1100	Cbot 550	550	7.5
GRAND TRAVERSE					
Cactus Drlg	17 dsl	1000	S/B N55	850	11
	21 dsl	1000	Beth M58	850	12
L & G Drlg	1 dsl	398	Idco H35	398	5
	3 dsl	500	Emsco GB350	600	10

NICOR Drilling Company
(918) 587-5507

Nicor Drlg	21 dsl	800	Idco H35	400	7
Provins Drlg, T D	3 dsl	1200	Idco 1000	900	10
	8 dsl	1200	Idco H1000	1000	12
	9 dsl	2100	Cbot 2550HL	1800	20
HILLSDALE					
Bigard Drlg	8 dsl	1100	Idco H44	600	8.5
Scott Drlg, Don	5 dsl	950	Idco H1000	900	10

MICHIGAN (Cont'd)

• Contractor	Type Power, Rig No. •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	Rated Depth With 4½ - in. Pipe, 1000 ft. •
JACKSON					
Bigard Drlg	7 dsl	900	Idco H37	535	7.5
KALKASKA					
Bigard Drlg	17 dsl	1100	Wils 75	900	12
Cactus Drlg	16 dsl	950	Nat 50A	850	10
	28 dsl	950	Nat 50A	850	10
Nicor Drlg	24 dsl	1185	Idco H525	850	9
Provins Drlg, T D	5 dsl	1200	Idco 1000	1000	12
	6 dsl	1125	Idco 700	700	9
	7 dsl	1200	Idco H1000	1000	12
LIVINGSTON					
L & G Drlg	2 dsl	500	Wils 65	600	8

MICHIGAN (Cont'd)

• Contractor	Type Power, Rig No. •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	Rated Depth With 4½ - in. Pipe, 1000 ft. •
MANISTEE					
Bigard Drlg	15 dsl	1100	Idco H1000	1000	12
Escor	4 dsl	500	Idco DI7015	600	7.5
Nicor Drlg	22 dsl	870	Idco H35	400	7.5
	52 d-m	800	S/B DH14210	550	8.4
	53 d-m	750	S/B DH14210	550	8.4
Provins Drlg, T D	4 dsl	1000	Coop 550	500	8
	10 dsl	1200	Idco H1000	1000	12
MASON					
Bigard Drlg	16 dsl	950	Idco H44	600	8.5
Miller Expl	3 dsl	750	OIME SL5	1000	18

SUPER FLAKE®

ANHYDROUS CALCIUM CHLORIDE

The best choice for your drilling mud applications.

Saves time! Studies have shown that SUPER FLAKE® anhydrous calcium chloride dissolves twice as fast as pellets.

Easy density control! Unlike slow-dissolving pellets, fast-dissolving SUPER FLAKE anhydrous calcium chloride won't sink to the bottom of the mud reservoir.

Saves money! SUPER FLAKE anhydrous calcium chloride won't get shaken out of the shale shaker, which means less product loss at the rig site.

High purity! SUPER FLAKE is 94% pure anhydrous calcium chloride and manufactured to meet Allied's demanding quality specifications.

When you compare the performance of Allied's SUPER FLAKE anhydrous calcium chloride with that of the pellet, there is no comparison. Yet when it comes to purity and assay, there's no difference!

Faster dissolving. Better mud density control. SUPER FLAKE anhydrous calcium chloride from Allied is the superior calcium chloride for your drilling muds that saves time and money. Ask for it by name, or call Allied Corporation, Manager, Calcium Chloride, 201/455-3703.

ALLIED Chemicals

Circle 227 on Reader Service Card

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	Rated Depth With 4½ - in. Pipe, 1000 ft. •

MICHIGAN (Cont'd)

NEWAYGO

Bigard Drlg	14	dsl	1100	Idco H1000	1000	12

OSCODA

Bigard Drlg	12	d-e	2000	Idco ED1200	2000	20

OTSEGO

Bigard Drlg	10	dsl	1200	Idco H44	600	8.5
Provins Drlg, T D	2	dsl	1200	Idco H37	456	8

ST CLAIR

Bigard Drlg	9	dsl	1100	Idco H44	600	8.5

WASHTENAW

Escor	5	dsl	949	Idco H35	445	5.5

WEXFORD

Cactus Drlg	12	dsl	1000	Oiwl 66	850	10

MISSISSIPPI

UNDESIGNATED

Chesley Pruet Drlg	2	dsl	1800	Emsco GB500	1200	14
	12	dsl	3600	Emsco C2	3600	25
	15	dsl	4800	Emsco C3	4300	30
Harris Well Serv	30	dsl	2000	Idco 1200	1400	13.5
Justiss Oil	7	dsl	1800	Emsco J1400	2900	20
	16	dsl	600	Emsco GB	900	12
	22	dsl	1800	Nat 80B	1420	14
	23	dsl	1800	Emsco J1100	2400	20
	24	dsl	3600	Emsco J1400	3000	22
	26	dsl	940	Emsco GB500	940	12
	34	g-b	700	Beth M58	1000	12
	35	dsl	1250	Emsco J1400	1200	18
Par-Co Drlg	1	dsl	300	Idco H30	300	6
	3	dsl	700	S-H 7000	500	7
	4	dsl	700	Wils 42	500	8
Wilcox Drillers	6	dsl	1100	Emsco 550	800	12.5

ADAMS

D & D Drlg	1	dsl	700	S/B N4A	350	8
New Drlg, David	3	dsl	400	S-H 6000	400	6
	9	dsl	400	S-H 5000	400	5
	15	dsl	1000	Idco 900	1650	16
Rebel Rig #3 Ltd	2	dsl	350	Beth S455	350	8

CHICKASAW

Transcontinental Drlg-Jackson	12					

CLAIBORNE

Murco Drlg	26	dsl	2800	Oiwl N2000-B	3000	30

CLARK

Tesoro Drlg	7	dsl	2000	Nat 80B	1650	15

CLARKE

Chesley Pruet Drlg	4	d-e	4000	Emsco C1	2000	25
Helmerich & Payne	72	dsl	2835	Oiwl 3000M	2835	30
	77	d-e	2200	Nat 110UE	2430	18

FORREST

Tesoro Drlg	1	dsl	2600	Nat 1320M	2742	25

HANCOCK

Marion Drlg	5	dsl	2400	Oiwl M2000	2400	25
Murco Drlg	10	dsl	2200	S/B N95	2400	20
Penrod Drlg	10	dsl	2600	Nat 1320M	3425	25
	112	dsl	1600	Nat 1625M	3000	30

HINDS

Delta Drlg	56	dsl	2600	Wils Super 250	2592	25
Exeter Drlg Southern	32	dsl	2800	G-D 1500	2800	25
Murco Drlg	54	d-s		G-D 1100E		18
Quarles Drlg	14	dsl	2700	MC U914C	2400	22

JEFFERSON DAVIS

Murco Drlg	22	dsl	2400	S/B N95	2400	20

JONES

Chesley Pruet Drlg	3	d-e	4000	G-D 1500E	2000	25
	16	dsl	3600	Emsco C2	3600	30
Grace France Drlg	5	el	2400	Oiwl 760E	2400	17
Marion Drlg	4	dsl	2400	Emsco C2	2400	25
New Drlg, David	12	dsl	500	Beth	800	12
	14	dsl	2000	Emsco C2	2700	25
Penrod Drlg	24	dsl	2600	S/B N12A	1950	25
Tesoro Drlg	8	dsl	3200	Nat 1320	3600	30
Transcontinental Drlg-Jackson	18					
	84					
	85					

LAMAR

Marion Drlg	1	dsl	1800	Emsco M810	1800	18

MISSISSIPPI (Cont'd)

LAWRENCE

Transcontinental Drlg-Jackson	92					

MARION

Marion Drlg	2	dsl	2400	Emsco C1	2400	20

MONROE

Chesley Pruet Drlg	5	dsl	950	Nat 370	950	12

PEARL RIVER

Delta Drlg	96	d-e	2600	Emsco C1 Type II	3456	20
Helmerich & Payne	75	dsl	3300	Nat 1625M	3845	30

RANKIN

Helmerich & Payne	71	dsl	1830	Nat 1320M	1830	23

SCOTT

Nicor Drlg	15	dsl	2100	Oiwl 76	1000	15

SIMPSON

Exeter Drlg Southern	16	dsl	2600	G-D 1500	2600	25
Helmerich & Payne	74	dsl	3300	Oiwl	3695	30
	86	d-s	4250	Nat 1625DE	4250	30

SMITH

New Drlg, David	9	dsl	1500	Nat 80B	1500	14
	10	dsl	500	Emsco GB500	800	12

SUNFLOWER

New Drlg, David	11	dsl	500	Emsco GB500	800	12

WALTHALL

Penrod Drlg	2	dsl	2600	Emsco C2	3425	25

WARREN

Marion Drlg	6	dsl	3300	Emsco C3	3300	30
Penrod Drlg	12	dsl	3850	G-D 1500	2120	20

WAYNE

Exeter Drlg Southern	26	dsl	2500	Nat 95	2500	17.5
Noble Drlg	E1102	dsl	1870	Emsco A1100	1870	18

WILKINSON

Energy Drlg	2	dsl	535	Idco H35S	540	9.5
	3	dsl	2000	Emsco D3	2000	18
Helmerich & Payne	41	dsl	1850	Nat 110	1815	22
Penrod Drlg	120	dsl	1600	Nat 1625M	3000	30
Transcontinental Drlg-Jackson	91					

MONTANA

UNDESIGNATED

Cardinal Drlg	1	dsl	864	BDW 800	1140	14
Comanche Drlg Co	2	dsl	430	Idco H30	400	5
	5	dsl	430	Idco H30	400	5
K B Drlg	2	dsl	278	Crdw AH-91	185	5
Noble Drlg	814	dsl	1606	Nat 80B	1606	15

BIG HORN

Westburne Drlg	72	dsl	720	Nat T32	360	7.5

BLAINE

K B Drlg	1	dsl	278	Crdw A150A	185	4.5

CARBON

Anderson-Myers Drlg	11	dsl	1200	Nat 55	1200	13
Manning, R L	15	dsl	700	Nat 55	700	11

DANIELS

Nicor Drlg	26	dsl	1100	Nat 50A	425	11.5

DAWSON

Grace-Bomac Drlg	46	dsl	1125	Nat 610M	1125	12.5
True Drlg	22	dsl	1200	Nat 55	1200	13

FALLON

Atco Drlg	17	d-e	1200	Nat 610E	120	12
Cliffs Drlg	6	dsl	1600	Nat 610	1100	12.5

SPARTAN
DRILLING
(713) 955-0625 (409) 775-7071
(303) 293-8006 (406) 482-6470
(403) 262-7778

Spartan Drlg	11	d-m	600	Sup 700	700	11
	19	d-m	600	Sup 700	700	11
	26	d-e	700	Idco 725E	1000	10

MONTANA (Cont'd)

FLATHEAD

Parker Drlg	186	d-e	3000	O'ME 3000E	3000	30

GLACIER

Anderson-Myers Drlg	8	dsl	1800	Nat 80	1800	16
Simmons Drlg	31	dsl	350	S-H 6000	350	6.5

HILL

Elenburg Expl	5	dsl	320	W-N CC2000	180	2.5

LEWIS & CLARK

Cardinal Drlg	16e	d-e	2000	Emsco D3	2000	18
	17e	d-e	2000	Emsco D3	2000	18

MC CONE

Anderson-Myers Drlg	3	dsl	1200	Emsco G500	1200	11

MUSSELSHELL

Elenburg Expl	10	dsl	320	Elenburg	430	6
Simmons Drlg	41	dsl	350	Hycalog HH6000	350	6.8
Soape Drlg	1	dsl	950	Nat 45	950	7.5

PARK

Westburne Drlg	70	dsl	700	Nat 50A	700	10

PETROLEUM

Anderson-Myers Drlg	4	dsl	1200	Emsco GA500	1200	11
Simmons Drlg	47	dsl	350	Troy M800	350	7.5

PHILLIPS

Elenburg Expl	8	dsl	320	W-N CC2000	230	2.5

PONDERA

Alkins Drlg	2	dsl	200	B-E	200	3

POWELL

Molen Drlg	5	dsl	1200	S/B N48	800	12

RICHLAND

Atco Drlg	58	d-e	1800	Nat 80UE	1800	16
Burris Drlg	103	dsl	1000	G-D 700	1000	14.5
Enopco	2	dsl	1600	Nat 110	2100	14
Noble Drlg	N-84	dsl	1320	Nat 80B	1320	15
Spartan Drlg	25	d-e	700	Idco 725E	1000	10

ROOSEVELT

Cardinal Drlg	22	dsl	1554	Nat 80B	1554	15
Challenger Drlg	31	dsl	1200	S/B N75	1200	12
Drilcon	1	dsl	1125	Beth 450	1125	11
Grace-Bomac Drlg	42	dsl	1000	G-D 700M	1000	12.5
	55	dsl	1500	G-D 800M	1500	16
Nicor Drlg	16	dsl	1550	Oiwl 76	1000	15

ROSEBUD

Molen Drlg	1	dsl	400	Emsco GB250T	350	6.5

SHERIDAN

Grace-Bomac Drlg	54	dsl	1125	Nat 610M	1125	12.5
Noble Drlg	N-810	dsl	1806	Nat 80B	1806	15
	N-89	dsl	800	Nat 80B	800	13

TETON

Molen Drlg	4	dsl	1350	S/B N75A	1350	15

TOOLE

Comanche Drlg Co	1	dsl	430	Idco H30	400	5
Elenburg Expl	2	dsl	320	W-N CC2000	250	2.5

VALLEY

Blocker Drlg	20					9
Burris Drlg	115	dsl	1200	Sup 700	650	100
	118	dsl	850	MAC 400	500	10.5
Challenger Drlg	1	dsl	900	Emsco BC500	1000	11
	24	dsl	500	S/B N4A	650	6.5
Drilcon	5	dsl	715	Idco H725	700	11
Helmerich & Payne	53	d-e	1200	Idco H525	800	12

SPARTAN
DRILLING
(713) 955-0625 (409) 775-7071
(303) 293-8006 (406) 482-6470
(403) 262-7778

Spartan Drlg	29	dsl	500	Idco H525	500	8.5
	30	dsl	500	Idco H525	500	8.5
Westburne Drlg	59	dsl	1100	Idco M750D	800	10

WILBAUX

Dbilyn-Field Drlg	37	dsl	1600	Nat 80UE	2000	15

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	Rated Depth With 4½ - in. Pipe, 1000 ft. •
NEBRASKA						
UNDESIGNATED						
Stoeppelwerth Drlg	2	dsl	375	Emsco 250	375	4.5
CHEYENNE						
Exeter Drlg Northern	13	dsl	350	S/B N4	300	6
DUNDY						
Murfin Drlg	20	dsl	525	Nat 370	600	7.5
HITCHCOCK						
Murfin Drlg	24	dsl	525	Idco H35SC	475	6.5
MOXA Drlg	1	dsl	540	Idco 35	380	7
Rains & Williamson Oil	1	dsl	525	Beth S45-B	450	5.5
Stoeppelwerth Drlg	3	dsl	500	Nat 370	500	6.5
MORRILL						
Banner Drlg	4	dsl	400	Apache 25040	375	5
RED WILLOW						
Murfin Drlg	7	dsl	525	Nat T32	400	6
RICHARDSON						
Brandt Drlg	1	dsl	350	Beth S50	450	5
SIOUX						
Banner Drlg	3	dsl	500	Nat T45	800	9.5
NEVADA						
UNDESIGNATED						
Continental Drlg	17	d-e	2600	Idco E1700	1700	19
CHURCHILL						
Veco Drlg	7	dsl	1550	OIME 1000	1000	16
ELKO						
Anderson-Myers Drlg	17	dsl	2300	Nat 110	2300	22
Penrod Drlg	20	dsl	2600	Nat 1320M	1950	25
ESMERALDA						
Willbros Drlg	10	d-e	3000	Idco E1700	3000	25
EUREKA						
Brinkerhoff-Signal	3	dsl	1000	Nat 55	1000	12
NYE						
Brinkerhoff-Signal	9	dsl	550	S/B N45	600	7.5
Cardinal Drlg	2	dsl	864	Emsco GA500	760	10
Loffland Bros	211	dsl	1260	MC U15	1000	10
NEW JERSEY						
SUSSEX						
New Jersey Drlg	T5	dsl	400	I-R	400	5
NEW MEXICO						
UNDESIGNATED						
Arapahoe Drlg	6	dsl	300	Nat T32	350	8
Ard Drlg	5	dsl	1986	MC U20	1800	15
	6	dsl	1200	MC U15	1200	11.5
	7	dsl	1200	MC U40	1200	14
LLL Drlg	2	dsl	1720	Cbot 750	880	10
Stewart Bros Drlg	45	dsl	324	Fail 2500	324	3
	51	dsl	324	Fail 2500	324	3
	52	dsl	324	G-D 15W	324	1.5
	53	dsl	324	G-D 15W	324	1.5
	54	dsl	1000	Fail 100	450	5
CHAVES						
Artesia Fishing Tool	2	dsl	500	G-D	500	6
Basin Drlg	14	dsl	1470	G-D 700M	1220	14
Exeter Drlg Northern	64	dsl	1035	Unit U15	750	9.5
L & M Drlg	1	dsl	750	G42	440	7.5
Willbros Drlg	3	dsl	800	MC U15	800	11
Young Drlg	4	dsl	400	Crdw K500	600	8.5
DONA ANA						
Bayless Drlg	7	dsl	1500	G-D GD700	1200	14
EDDY						
Artesia Fishing Tool	1	dsl	400	May 3800	200	4
Cactus Drlg	83	dsl	550	S/B N4	454	6
	73	dsl	300	MC U34	454	6.5
NEW MEXICO (Cont'd)						
EDDY (Cont'd)						
Dual Drlg	37	dsl	1800	Oilwl 500	700	10
Kenai Drlg	21	dsl	1350	MC U20	1400	15
	37	dsl	1750	Nat 100M	1500	18
L & M Drlg	2	dsl	750	G-D 3000	380	6
La Rue Drlg	1	dsl	650	Nat T20	500	7
	2	dsl	500	G-D 3000	500	6
Landis Drlg	4	dsl	800	S/B N45	700	10
Loffland Bros	37	d-e	2180	MC U814B	2400	20
M G F Drlg-Midland	26	dsl	1725	G-D 1100	1725	19
McVay Drlg	4	dsl	850	Nat 75	850	12
	10	dsl	1300	Nat 100	1300	16
Parker Drlg	34	gas	1000	Nat 75	1000	16
	161	gas	1000	Nat 75	1000	18
Rio Colorado Drlg	120		1300	S/B N95A	1700	18
Sharp Drlg	35	dsl	2331	Beth 1013	2742	23
	36	dsl	2331	Beth MC950	2742	22
Sierra Drlg Co	5	dsl	500	Weis W45	400	7.5
Sterling Drlg	20	dsl	1260	Nat 610	840	13
TMBR Drlg	1	dsl	350	MC U15CA	500	6
W E K Drlg	1	dsl	770	MC U34	380	7.5
	2	dsl	1200	Idco H35	480	12
Wilson Bros Drlg	21	dsl	800	Nat 80B	1425	16
HARDING						
Aztec Well Serv	56	dsl	400	Wils Mogul	350	6
LEA						
Basin Drlg	5	dsl	900	Emsco D2-M	820	13
Cactus Drlg	8	dsl	900	S/B N7	1200	11
	18	dsl	550	Nat T32	850	8
	23	dsl	2000	Nat 110	2550	20
	27	dsl	2200	S/B N20	2550	25
	52	dsl	550	Idco H35	454	6.5
	71	dsl	900	Emsco U36A	916	10
Cliffs Drlg	38	d-e	2800	Oilwl 840E	3300	18
Delta Drlg	3	dsl	2300	Emsco C1 Type III	2331	18
	60	d-e	1825	Emsco D3 Type II	2592	16
Exeter Drlg Northern	65	dsl	1300	Emsco D2	1100	13
	66	dsl	1100	BDW 650	750	11
	67	dsl	1300	Emsco D2	1100	13
Hondo Drlg	3	dsl	800	Beth M58C	800	13.5
	4	dsl	1200	S/B N75	1200	14
	5	dsl	800	Nat 55C	800	13.5
	7	gas	750	S/B N55	750	11.5
	12	dsl	1200	G-D 800	1200	15
Kenai Drlg	11	dsl	400	Nat T20	400	6.5
	22	dsl	700	Emsco J1100	1400	15
	23	dsl	1800	Emsco JB1250	1400	15
	36	dsl	650	Wils Giant	800	9
M G F Drlg-Midland	11	dsl	900	Beth M58	900	12.5
McVay Drlg	7	dsl	1200	Nat 75CA	1200	13
	8	gas	1200	Nat 80B	1200	15
	9	dsl	1400	Nat 110	1400	18
Moranco	1	dsl	1100	OIME 1000SL	1000	15
	2	dsl	1100	Emsco GB800	1000	15
	3	dsl	1100	MC 712A	1000	15
	5	dsl	750	MC U15	750	11
	6	dsl	750	S/B N75	750	12
	7	dsl	1100	S/B N75	1000	15
	9	dsl	750	S/B N55	750	11
	10	dsl	1100	MC	750	11
Norton Drlg	12	dsl	550	Wils 75	900	11.5
Parker Drlg	38	gas	1200	Nat 100M	1200	18
	65	gas	1600	Nat 100M	1600	23
	85	gas	1600	Nat 130	1600	23
	90	gas	1800	Nat 130	1800	25
	198	gas	1600	OIME 1500C	1800	22
	211	gas	1000	Nat 75	1000	16
Quarles Drlg	2	dsl	1500	OIME 1000	1000	18
	15	dsl	2000	RMI 1000	1000	15
Resource Drlg	RD6	dsl	2330	Nat 110	2740	18
Rio Colorado Drlg	140	dsl	1200	Nat T45	900	10.5
	142	dsl	1825	Nat 110	1650	18
Rod Ric	10	dsl	670	Emsco G500	600	8.5
Sharp Drlg	369	d-e	1488	MC U712EC	1995	18
Sierra Drlg Co	3	dsl	500	Emsco D2	1000	13
Tri-Service Drlg	2	dsl	1400	Oilwl 66	900	10
TMBR Drlg	26	dsl	700	G-D 500	700	11
Verna Corp	16	dsl	600	S/B N14	450	6.5
Willbros Drlg	1	dsl	1200	Oilwl 76	1200	14
	4	dsl	1700	Nat 55	1250	14
	5	gas	1100	Beth 450	1100	13
Wilson Bros Drlg	19	dsl	800	Nat 80B	1425	16
LEE						
Landis Drlg	2	dsl	1000	S/B N75	1350	14
MORA						
Sharp Drlg	48	dsl	790	Beth M58	988	13.5
RIO ARRIBA						
Arapahoe Drlg	7	g-b	700	Nat T45	700	10
	10	g-b	700	Nat 50A	500	12
	11	g-b	300	Nat T32	320	9
NEW MEXICO (Cont'd)						
RIO ARRIBA (Cont'd)						
Aztec Well Serv	222	dsl	750	Wils M75	1100	12
	289	dsl	600	Crdw KB500	750	8.5
Four Corners Drlg	2	dsl	1500	Crdw KB500	700	8
	4	dsl	1500	Crdw KB500	700	8
	5	dsl	1500	Crdw KB500	700	8
	6	dsl	1500	Crdw KB500	700	8
	10	dsl	1500	Crdw	750	8
	11	dsl	1500	Crdw KB500	636	8
Nicor Drlg	41	dsl	2000	G-D 1100M	1500	11
ROOSEVELT						
Norton Drlg	5	dsl	550	Wils 75	850	10.5
SAN JUAN						
Aztec Well Serv	171	dsl	600	Wils M75	700	8
	301	dsl	1000	Crdw KB500	1000	8.5
Bayless Drlg	5	dsl	1500	Coop LTO550	550	8.5
Four Corners Drlg	7	dsl	1500	Crdw KB500	750	8
	8	dsl	1500	Crdw KB500	750	8
	12	dsl	1500	Crdw KB500	636	8
True Drlg	4	dsl	450	Emsco GA250T	500	6.5
	27	dsl	900	Idco H725SC	900	10
Young Drlg	3	dsl	400	Wils 75	600	8.5
	5	dsl	750	Crdw K500	600	8
SAN MIGUEL						
Baker & Taylor Drlg	19	dsl	870	MC U15	870	11
SANDOVAL						
Brinkerhoff-Signal	78	dsl	1600	Nat 610	1100	12.5
Four Corners Drlg	9	dsl	1500	Crdw KB500	750	8
Young Drlg	2	dsl	600	Idco DR701	600	8.5
TRAVIS						
W E K Drlg	3	dsl	450	Emsco T45E	440	6.5
UNION						
Baker & Taylor Drlg	16					
NEW YORK						
CATTARAGUS						
International Petr Serv	9	dsl	475	Chal Model 320HD	360	4.5
CHATAUQUA						
Underwater Gas Dev	8			S/B	400	8.5
CHAUTAUQUA						
International Petr Serv	7	dsl	475	Chal 320	360	4
Underwater Gas Dev	3			Chal 320	300	6
	4			Challenger 320	300	6
STUBEN						
International Petr Serv	4	dsl	475	Wils 42	475	7.5
WYOMING						
Delta Drlg	78	dsl	255	Idco H35KD	291	6
NORTH DAKOTA						
UNDESIGNATED						
Cardinal Drlg	7	dsl	1120	Emsco GB500	864	10.5
	10	dsl	1296	Emsco GB800	1296	13.5
	34	dsl	400	Emsco GB150	400	4.5
KCA Drlg	C3	dsl	1200	Nat 80B	1200	12
Noble Drlg	OW-861	dsl	2400	Oilwl 860	2400	18
Pruet-Ram-Co	1	d-e	2000	Emsco D3	2000	18
	2	dsl	3000	Emsco C1	3000	20
	3	dsl	1800	Emsco D2	1200	15
	5	dsl	1800	Emsco D2	1200	14
	6	dsl	1650	Emsco GB800	1650	17
	15	dsl	1650	Nat 80B	1650	18
Westburne Drlg	63	dsl	1000	OIME SL7	1400	15
BILLINGS						
Brinkerhoff-Signal	1	dsl	1100	G-D 800	1100	13
Cardinal Drlg	11	dsl	864	BDW 800	1140	14
Driltcon	2	dsl	1176	Nat 80B	1176	14.5
Dual Drlg	3	dsl	1500	Wils 120	1650	15
Enopco	4	dsl	1600	Nat 610	2100	14
	7	dsl	2000	Nat 80B	1800	18
Forwest	3	d-e	2000	Idco 1200E	1800	16
Grace-Somsc Drlg	48	dsl	1500	G-D 800M	1500	16
	92	dsl	1000	G-D 700M	1000	12.5
Penrod Drlg	103	dsl	1760	Nat 80B	2000	20
	104		2000	Nat 80B	1760	15

NORTH DAKOTA (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Main Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
BOTTINEAU						
Cardinal Drlg	8	dsl	400	Nat T20	440	5.5
BOWMAN						
Noble Drlg	E551	dsl	800	Emsco A550	800	13
	N-57	dsl	800	Nat 55	800	12
BURKE						
Cardinal Drlg	5	dsl	541	Emsco GB250	560	7.5
	35	dsl	1120	SOS 6000S	480	7.5
Grace-Bomac Drlg	21	dsl	520	Idco H35SC	260	7
Kenting Drlg	44	dsl	550	Emsco GB350	550	8.5
DIVIDE						
Dual Drlg	27	dsl	1200	Emsco D3	1000	16
Grace-Bomac Drlg	37	dsl	1000	G-D 700M	1000	12.5
	39	dsl	1000	S/B N75	1000	12.5
Kenting Drlg	3	dsl	615	Emsco 500	800	11
Nicor Drlg	40	d-e	1700	Olwl 660E	700	12
Noble Drlg	E552	dsl	800	Emsco A550	800	13
Penrod Drlg	105	dsl	1575	Nat 80B	1760	15
Westburne Drlg	61	dsl	1050	Nat 55	1320	12.5
DUNN						
Anderson-Myers Drlg	16	dsl	2300	Nat 55	1200	13
Atco Drlg	10	d-e	2000	Nat 80UE	2000	16
Brinkerhoff-Signal	74	dsl	1500	G-D GD800	1500	15
Burris Drlg	102	dsl	1000	G-D 700	1000	14.5
Grace-Bomac Drlg	36	dsl	1500	Nat 80	1500	15
	52	dsl	1500	Nat 80B	1500	16
	58	dsl	1500	Nat 80B	1500	16
GOLDEN VALLEY						
Kenting Drlg	6	dsl	1500	S/B N85	1500	15
MC KENZIE						
Blocker Drlg	1	dsl	1000	OIME 1500SL	1500	18
	2	dsl	1000	OIME 1000SL	1500	16
	4	dsl	770	OIME 750SL	1155	14
	11	dsl	1000	Nat 80B	1500	15
Brinkerhoff-Signal	10	dsl	1000	MC U40	1000	13
	65	dsl	1000	Nat 80B	1000	16
	80	dsl	1500	Nat 80B	1500	16
Burris Drlg	101	dsl	1500	G-D 1100M	1500	20
Dixilyn-Field Drlg	35	d-e	1600	Nat 80UE	2000	15
Drilcon	4	dsl	1800	Nat 110	1800	15
Dual Drlg	17	dsl	1550	Beth M58	750	12.5
Forwest	5	d-e	2000	Nat 80UE	2000	16
Grace-Bomac Drlg	30	dsl	1500	Olwl 96	1500	18
	33	dsl	1500	Olwl 96	1500	14
	40	dsl	1000	Olwl 76	1000	13
	47	dsl	1500	Nat 80B	1500	16
	49	dsl	1500	G-D 800M	1500	16
	50	dsl	1500	Nat 80B	1500	16
	51	dsl	2250	Nat 110M	2250	20
	57	dsl	1500	G-D 800M	1500	16
	60	dsl	1500	Nat 80B	1500	16
Helmerich & Payne	15	dsl	1230	Olwl 76	1365	15
Kenting Drlg	1	dsl	1500	Nat 80B	1500	15
	11	dsl	1200	MC U40	1200	14
	43	dsl	600	Emsco GA500	600	10.5
	47	dsl	800	MC 36A	800	11
	48	dsl	1400	Nat 610	1400	12.5

NICOR Drilling Company
(918) 587-5507

Nicor Drlg	27	dsl	2000	S/B N95	1500	18
Noble Drlg	N-811	dsl	1606	Nat 80B	1606	15
Shelby Drlg	54-E	d-e	1000	Nat 370ESCR	650	10

SPARTAN
DRILLING
(713) 955-0625 (409) 775-7071
(303) 293-8006 (406) 482-6470
(403) 262-7778

Spartan Drlg	8	d-e	1000	Sup 1000E	1000	16
True Drlg	21	dsl	1800	Nat 80B	1800	15
	23	dsl	1800	MC U712A	1800	16
Westburne Drlg	62	dsl	1050	Nat 50A	1200	11
MOUNTRAIL						
Grace-Bomac Drlg	27	dsl	1010	S/B N55	750	9.5
RENVILLE						
Cardinal Drlg	3	dsl	400	Nat T20	400	5.5
	6	dsl	560	Emsco GB250	440	6.5
	12	dsl	560	SOS 6000	480	6.5
Grace-Bomac Drlg	31	dsl	630	Beth S45E	370	8

NORTH DAKOTA (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Main Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
SHERIDAN						
Kenting Drlg	2	dsl	1200	MC U40	1200	14
SLOPE						
Grace-Bomac Drlg	41	dsl	700	S/B N7	700	10
STARK						
Brinkerhoff-Signal	11	dsl	1500	Nat 80B	1500	15
Challenger Drlg	22	dsl	1400	Nat 110	1800	18
Cliffs Drlg	14	dsl	1200	Emsco J1250	900	15
Grace-Bomac Drlg	26	dsl	1010	G-D 500M	750	3.5
WARD						
Cardinal Drlg	14	dsl	560	Emsco GB350	840	8.5
WILLIAMS						
Blocker Drlg	8	dsl	770	OIME 750SL	1155	14
Brinkerhoff-Signal	77	dsl	1500	G-D 800M	1500	13.5
Cliffs Drlg	36	dsl	1700	Emsco JB1250	1650	16
Drilcon	3	dsl	784	Nat 50A	784	10
Forwest	4	d-s	2000	Idco 1200	1600	16
Grace-Bomac Drlg	25	dsl	1500	Nat 80B	1500	15
	34	dsl	1000	S/B N7	1000	10
	35	dsl	2250	Nat 110M	2250	20
	38	dsl	1000	G-D 700M	1000	12.5
Helmerich & Payne	88	dsl	1815	Olwl 860	1815	16
Kenting Drlg	14	dsl	1500	Nat 80B	1500	15
	30-E	d-e	2000	Nat 80UE	1000	15
Nicor Drlg	25	dsl	1700	Nat 125	1200	15
Noble Drlg	N-82	dsl	1200	Nat 80	1200	15
Shelby Drlg	52	dsl	1500	OIME SL7	1500	16
TMBR Drlg	21	dsl	1100	Nat 75CA	1100	13
	28	dsl	1650	G-D 800	1650	16

OHIO

UNDESIGNATED						
Grim Well Serv	1	dsl	400	G-D 2000	250	30/ 3.5
	2	dsl	430	G-D 2000	430	20/ 3.5
Sheldon & Son	1	dsl	450	W-N 25040	350	6
ASHTABULA						
Armstrong Drlg	24	Air	Wils 42	400		
International Petr Serv	6	dsl	475	Wils 42	475	7.5
P E P Drlg	1	dsl	550	S/B N45	450	7.5
	2	dsl	500	Idco H35S	350	6.5
	6	dsl	550	Idco H35S	350	6.5
	7	dsl	550	Emsco WS1	470	7.5
Underwater Gas Dev	2			I-R T5	400	5
COLUMBIA						
Armstrong Drlg	27	dsl		Wils Mogul 42	280	7.5
COSHOCTON						
Armstrong Drlg	30	Air		Wils 42	700	
Mid Atlantic Oil	3	dsl	500	Wils 42	500	8.5
GEAUGA						
P E P Drlg	4	dsl	550	G-D 500	500	7
LAKE						
International Petr Serv	12	dsl	475	Chal Model 320	360	4
MEDINA						
Armstrong Drlg	12	dsl	380	May 3000	318	4
Miller Contract Drlg	21	dsl	425	S-H 6000	425	7
MEIGS						
Smith Petr, Carl E	7	dsl	320	Idco BIR5525	475	8.5
PORTAGE						
Mid Atlantic Oil	4	dsl		Idco Rmbr	325	5.6/ 3.5"
STARK						
Armstrong Drlg	51	Air		Wils 42	400	
SUMMIT						
Armstrong Drlg	10	dsl	380	May 3000 Port	350	4
TRUMBULL						
Armstrong Drlg	11	dsl	380	Wils Mogul 42	380	7.5
WASHINGTON						
Mid Atlantic Oil	1	dsl	400	Idco Rmbr 5525	480	7
	2	dsl	500	Idco Rmbr 5525	480	7

OKLAHOMA

UNDESIGNATED						
Arden Drlg	1	d-e	1600	Emsco D2	1200	18
	2	dsl	800	Emsco WS1	800	12
	5	d-e	2400	Emsco D3	2000	18
	8	dsl	3400	Emsco CE3000	3000	30
Ardmore Drlg	1	dsl	450	Idco H30-D	450	5
	2	gas	700	Wils Giant	700	9
	3	gas	1350	Idco M10000	1350	12.5
	4	gas	600	Wils	400	50
	5			Idco		16.5
Astro Drlg	15	dsl	912	Wils Super Giant	912	10.5
	18	dsl	556	Idco H1000	940	12
	21	dsl	2500	Nat 100	1500	18
	28	d-e-s	2000	I-R 2550	1500	18
ACT Drlg	1	dsl	1750	G-D 6D 800	1600	16
	2	dsl	1750	Nat 125	1950	23
	3	dsl	600	Wils 42	700	10
Bighorn Drlg	1	dsl	1200	Nat 370	900	9
	3	dsl	800	Idco H37	500	6.5
	4	dsl	1000	MC U15	1000	10
	5	dsl	1200	MC U15	1000	10
Bodard & Hale Drlg	10	dsl	450	Olwl 52T	600	9
Continental Drlg	1	d-e	3200	Idco E2100	2000	25
	4	d-e	3200	Idco E2100	2000	25
	7	d-e	3200	Idco E3000	3000	30
	8	d-e	2600	Idco E1700	1700	19
	9	d-e	2000	Idco ED1200	1200	16
	10	d-e	3200	Idco E2100	2000	25
	12	d-e	2000	Idco ED1200	1200	16
	13	d-e	2000	Idco ED1200	1200	16
	15	d-e	2000	Idco ED1200	1200	16
	16	d-e	2000	Idco ED1200	1200	16
	32	d-e	2600	Idco E1700	1700	19
	34	d-e	3200	Idco E2100	2100	25
	35	d-e	2600	Idco E1700	1700	19
Cothrum Drlg	15					
	18					
	19					
Culver Drlg	2	dsl	700	Nat 50A	700	12
	5	dsl	800	G-D 800	800	16
	7	d-e	2000	G-D 1500	2000	25/ 5"
	8	dsl	1200	OIME SL7A	1200	18/ 5"
	9	dsl	1800	Nat 110	1800	18/ 5"
	22	dsl	800	Coop 750	800	9.5/ 4"
Fossil Drlg	1	dsl	1150	Emsco GB350	800	10
	2	dsl	1350	G-D 500M	900	12
	4	dsl	1300	MC U15	900	12.5
Noble Drlg	GD2	dsl	3135	G-D 2100	3135	25
	OW-23	e-s	3750	Olwl E2000	2000	25
	OW-842	e-s	2000	Olwl 840	2775	20
Plotner Drlg	2	dsl	1000		2000	20
Quanza Drlg	1	dsl	300	Nat 300B	300	5.5
	2	dsl	250	S/B N4	450	4.5
Ratliff Drlg	14	dsl	2640	MC U1220B	2640	28
	20	dsl	3600	UIZZOEB	2500	30
Roberson Drlg	1	gas	600	Emsco	400	7
	3	gas	700	MC U15	600	10
Rockwell Drlg	18	dsl	670	MC U34	450	5
	20	dsl	670	MAC 350	550	6.5
	22	dsl	670	Emsco G36	450	7
	24	dsl	450	MAC 300	450	5
Royal Drlg	1	dsl	300	Emsco GB160	675	4.2
Sandia Drlg	1	dsl	3000	G-D E800	3000	18
	2	dsl	4000	Emsco C1	4000	22
	3	dsl	3000	Emsco D3	3000	18
	4	dsl	4000	Emsco C1	4000	22
	5	dsl	2000	Emsco D2	2000	16
Scott Drlg, Jerry	4	dsl	600	Beth C50	640	10
T E K Drlg	F1500	gas	350	Fail 1500	350	1.5
	WS	dsl	265	Wils Super	265	4.5
Tri-Land Drlg	1	dsl	1500	G-D 1500E	2000	21
TWT Expl	54	dsl				10
Unit Drlg & Expl	5	dsl	600	MC U15	600	12
	26	gas	600	Nat 75	600	15
	27	dsl	1600	G-D 1500	2400	25
	30	dsl	2350	Beth 1350M	1800	20
Vaughn Good Drlg	3	dsl	500	Coop 600	500	9
Vi-Roi Drlg	1	dsl	435	Wils Mogul 42	435	6.5
	2	dsl	120	HT 100	210	3
Warren Interstate Drlg	1	dsl	1000	Cbot 2042TDHT	700	10.7
ALFALFA						
Hughes Drlg	7	dsl	550	Idco H37	450	8
Thomas Drlg	2	dsl	300	Nat T32	300	7.3
ATOKA						
FWA Drlg	10	dsl	1150	Wils Giant	720	11.5
BEAVER						
Beredco	1	dsl	800	MC U15	800	9
Bravo Drlg	2	dsl	870	BDW 800	870	14
Drillers	23	dsl	600	MC U15	600	10
Eagle Drlg	2	dsl	1000	Nat T45	725	9.5
Rine Drlg	4	gas	750	S/B N75	750	12

OKLAHOMA (Cont'd)

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	Rated Depth With 4½ - in. Pipe, 1000 ft. •
BEAVER (Cont'd)						
Slawson Drlg	5	dsl	360	Idco HS25	480	7.5
Triad Drlg	1	dsl		Nat T32	475	8
Unit Drlg & Expl	4	dsl	500	MC U15	800	11
Westwood Drlg Co	17	dsl	600	G-D 500	650	9
Zenith Drlg	8	dsl	400	Emsco 350	400	9
BECKHAM						
Arden Drlg	3	dsl	2500	Emsco C1	1500	20
	9	d-e	2000	Emsco D2	1000	14
Atco Drlg Southern	14	d-e	3200	Nat 1320E	2000	22
Big Chief Drlg	45	dsl	1500	S/B N95A	2250	18
Challenger Drlg	7-E	dsl	900	Nat 80E	1000	14
Grace/T R G Drlg	10	d-e	3000	G-D 3000E	3000	30
	18	d-e	2200	G-D 1500E	2400	22
	20	d-e	2200	G-D 1100E	2400	18
	141	d-e	2200	G-D 1500E	2400	22
Helmerich & Payne	46	dsl	1100	Emsco GB800	1210	15
	94	d-s	2000	Nat 110ME	1500	20
	98	d-s	2000	Nat 110ME	1500	20
Loffland Bros	32	d-e	4000	Emsco CE3000	3300	35
	34	d-e	3500	MC U1220	2500	28
	102	d-e	3300	MC U1220EBD	3300	28
	317	dsl	2250	G-D 1500	2500	24
Moran Bros	34	dsl	1700	Olwl 760	1000	15
Moran Drlg, E W	2	dsl	1800	G-D 700	800	14
	4	dsl	1450	Wils 120	1100	15
	5	dsl	1850	Wils 120	1100	18
	9	dsl	2000	Wils 150	1650	18
Nicor Drlg	49	d-e	3200	G-D 1500E	2000	25
	69	d-e	3200	MC U1220EB	2500	30
Nowotny & Conley Drlg	6	dsl	3200	Nat 1320UE	2000	12.5
Parker Drlg	54	gas	1800	Nat 130	1800	25
	59	gas	1650	OIME 1500C	1650	20
	167	dsl	1650	OIME SL1500	1650	20
	182	dsl	3000	OIME Hercules 3000E	3000	30
	201	dsl	4800	OIME E4000	4000	50
	212	dsl	3200	OIME 2000	2000	25
Penrod Drlg	8	dsl	2600	Nat 1320M	3425	25
	26	dsl	2600	Emsco C2	1950	25
	116	dsl	1300	Nat 1320M	2000	25
	117	dsl	1300	Nat 1625M	2000	25
	129	dsl	1000	Nat 80B	1760	15
	130	dsl	1000	Nat 80B	1760	15
Quarles Drlg	8	dsl	2000	OIME SD 7E	1000	22
Rowan Drlg	18	dsl	3200	Emsco A1500	2500	30
Sharp Drlg	39	dsl	2331	Olwl M2000	2742	30
	40	dsl	1770	Olwl 96	2025	18
	58	dsl	2319	Olwl 96	2607	23
	71	d-e	2331	MC U914EC	2742	23.
Tri-Service Drlg	9	dsl	2475	Nat 1320M	2475	22
Trigg Drlg	8	dsl	1200	Nat 125	1600	20
	9	d-e	2700	Beth 1350MX		22
U R C Drlg	4	d-e	1500	MC 914C	1500	22
	5	dsl	2250	MC 1220	2250	25
Unit Drlg & Expl	28	d-e	1600	G-D 1500E	2000	25
Westwood Drlg Co	Gary Jack	d-e	2000	G-D	2000	18
	22	dsl	2000	Emsco E900	2000	15
Wilson Bros Drlg	17	dsl	2600	Nat 110	2700	20
BLAINE						
Atco Drlg Southern	18	d-e	3200	Nat 110UE	1500	18
Bonray Drlg	4	dsl	900	MC U40	900	12
Grace/T R G Drlg	1	dsl	1245	Nat 75	1305	14.5
Hughes Drlg	3	dsl	1250	Idco 725	725	13.5
Rine Drlg	7	dsl	750	G-D 700	750	13.5
Santa Fe Drlg	SFM 14	dsl	1450	BDW 800MI	800	15
	SFM 2	dsl	1400	Idco ED900	900	14
Thomas Drlg	4	dsl	600	Emsco 500	600	10.2
Triad Drlg	10	dsl		G-D 700	1100	15
Unit Drlg & Expl	10	dsl	1000	Both M58	1300	15.5
Westwood Drlg Co	21	dsl	1500	BDW 650M	1300	14
BRYAN						
Helmerich & Payne	89	d-s	2730	Nat 110UE	2730	20
CADDO						
Big Chief Drlg	46	d-s	3000	Emsco Electrohoist III	4200	25
	47	d-s	4000	G-D 3000E	3000	35
Brinkerhoff-Signal	15	dsl	2000	G-D 1500	2000	20
Cactus Drlg	33	dsl	2000	Nat 110	2550	20
Drillers	40	d-e	2100	G-D 1100E	2100	22
Dual Drlg	4	dsl	2000	Nat 110	1500	19
	15	dsl	2700	Wils 150A	1650	19
Eason Oil	22	d-e	2600	Emsco C1E	1500	21
	25	d-e	2600	Emsco C1E	1500	21
Enopco	1	dsl	2600	Nat 110M	2700	20
	6	dsl	2600	Nat 110M	2700	20
Grace/T R G Drlg	133	d-e	2000	G-D 1100E	2400	18
	134	d-e	2200	G-D 1500E	2400	22
	135	d-e	2200	G-D 1500E	2400	22
	136	d-e	2200	G-D 1500E	2400	22
	137	d-e	2200	G-D 1500E	2400	22
Helmerich & Payne	76	dsl	1650	Olwl 760	1815	16.5

OKLAHOMA (Cont'd)

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	Rated Depth With 4½ - in. Pipe, 1000 ft. •
CADDO (Cont'd)						
Lagersen Drlg	8	d-e	2000	Emsco CIE	2500	22
Loffland Bros	20	d-e	3200	Emsco C3000	3000	35
Moran Drlg, E W	10	d-e	2600	G-D 1500	2000	25

NICOR Drilling Company
(918) 587-5507

Nicor Drlg	6	dsl	1500	Nat 55	700	13.5
	12	dsl	1170	G-D 700M	700	13
	30	dsl	2000	MC U914C	1500	18
	31	d-e	2000	MC U914EC	1500	21
	33	d-e	2000	MC U914EC	1500	21
	35	d-e	2000	MC U914EC	1500	21
	42	d-e	2000	MC U914EC	1500	21
	45	d-e	2700	MC U1220EB	2000	25
	47	dsl	2600	Emsco C3E	2000	25
ONEOK Drlg	7	d-e	1466	G-D 800E	1000	17
Parker Drlg	149	gas	1000	Nat 75	1000	16
	205	dsl	2200	OIME 1500C	2200	22
	213	dsl	2200	OIME SL1500	2200	22
Resource Drlg	RD9	dsl	2330	Nat 110	2740	18
Rowan Drlg	30	dsl	2600	Emsco A1500	2400	22
Santa Fe Drlg	SFM 1	dsl	920	Nat 50A	450	11
Thomas Drlg	11	dsl	300	Wich R-6	300	6
Top Drlg	7	d-e	2000	Olwl 760E	1000	20
Tri-Service Drlg	10	dsl	1800	Olwl 860	1800	21
Trigg Drlg	5	g-b	500	Nat 50A	800	10
	7	dsl	1200	S/B N95	1600	20
Unit Drlg & Expl	8	dsl	1000	Nat 55	1588	15
Viersen & Cochran Drlg	6	dsl	2300	Beth 1013	2400	20
Westwood Drlg Co	20	dsl	1000	S/B N95	300	20
CANADIAN						
Basin Drlg	6	dsl	600	GD 700M	820	12
Bonray Drlg	3	dsl	900	S/B N7	900	10.5
Cactus Drlg	3	dsl	1800	Nat 80B	1650	15
Exeter Drlg	49	dsl	600	Nat 50	600	10.5
	52	dsl	600	MC U36	600	10.5
	53	dsl	600	Emsco GC450	600	10.5
	54	dsl	1000	Beth 1350	1100	18
	55	dsl	900	Beth 800	900	15
	56	dsl	800	Nat55	1000	12
	60	dsl	600	Nat 50	600	9
FWA Drlg	34	dsl	2200	Olwl 760	1560	15
Grace/T R G	8	dsl	800	Unit 15	1000	10.5
Loffland Bros	111	d-e	3300	Emsco A1500	2200	24
Moran Bros	31	el	2900	Idco E2500	2500	25
	35	el	1700	Olwl 76	1000	15
	36	el	2300	S/B N12	1500	20
Ratliff Drlg	11	dsl	850	S/B N7	850	10
Sabre Drlg Div Grace	8	dsl	1385	MC U15	1050	9
Santa Fe Drlg	SFM 5	dsl	1200	OIME SD5	750	12
	SFM 7	dsl	1200	OIME SD5	750	12
Top Drlg	5	dsl	1000	MC U15	1000	10
U R C Drlg	1	dsl	860	Nat 50	860	10
	2	dsl	1100	Nat 100	1100	15
	3	dsl	860	MC U36A	860	12.5
	6	dsl	1600	Idco BIR7585		10.5
CARTER						
Big Chief Drlg	12	gas	1600	Nat 80B	1600	14
Compadre Drlg & Expl	1	dsl	360	W-N A25040	360	6
Grace/T R G Drlg	130	d-e	2200	G-D 1100E	2400	18
Johnson Bates Drlg	14	dsl	700	MC U15	450	7.5
Jones Drlg Corp	6	dsl	500		400	7
	7	gas	700		750	12
	8	gas	700		700	12
	18	dsl	600		600	8
Kingery Drlg	10	gas	300	Wils Giant	300	5
Loffland Bros	73	d-e	2160	MC U712A	2200	18
Magic Circle Drlg	12	dsl	900	Nat 50A	900	12
Moran Drlg, E W	18	dsl	1200	S-H 7000	40	9.5
Noble Drlg	N-133	e-s	3300	Nat 1320UE	1320	25
Ratliff Drlg	7	g-b	1020	Nat 75CB	1020	15
CHOCTAW						
Bodard & Hale Drlg	8	dsl	650	MC U36A	1100	13.5
CIMARRON						
Service Drlg	2	dsl	450	MC U34	450	6
	3	dsl	300	MC U34	400	6.5
CLEVELAND						
Bodard & Hale Drlg	9	dsl	550	Beth S55	700	9
	12	dsl	450	MAC 400	525	7.5
Drillers	26	dsl	700	Emsco GB500	700	10
Johnson Bates Drlg	8	dsl	1000	Wils Giant	1050	12
Santa Fe Drlg	SFDLI-20	d-e	3400	Olwl E2000	2000	25
	SFM 12	dsl	2050	G-D 800	1000	15
	SFW-7	d-e	2600	Emsco C3111	3000	30

OKLAHOMA (Cont'd)

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	Rated Depth With 4½ - in. Pipe, 1000 ft. •
CLEVELAND (Cont'd)						
Top Drlg	1	dsl	650	S/B N7	900	10
	6	dsl	350	Nat T32	350	7.5
Unit Drlg & Expl	22	gas	495	Nat 50	600	10
COAL						
Arden Drlg	4	dsl	1800	Emsco D2	1000	18
Cactus Drlg	51	dsl	700	S/B N55	850	9
COMANCHE						
Bonray Drlg	1	dsl	1230	Olwl 760	1230	16
	9	d-e	3000	Olwl E2000	2000	25
Drillers	48	d-e	3600	Idco E3000	3000	30
Husky Drlg	2	dsl	350	Idco H35	650	8
JFP Well Serv	8	dsl	2000	Olwl E2000	2000	25
Loffland Bros	200	d-e	3300	Emsco 3000 Type II	3300	50
Moran Drlg, E W	29	dsl	1450	G-D 700	800	13
Nicor Drlg	29	d-e	2700	G-D E1500	2000	25
Penrod Drlg	3	dsl	2600	Nat 1320M	3425	25
	21	dsl	2600	Nat 1320M	1950	15
	118	dsl	1600	Nat 1625M	3000	30
	127	dsl	1000	Nat 80B	1760	15
Resource Drlg	32	dsl	1040	Nat 610	1220	12
Rowan Drlg	9	d-e	2600	Nat 1625DE	2000	25
Westwood Drlg Co	23	d-e	3200	Emsco C2	2000	26
CREEK						
McLennan Drlg	5	dsl	450	Cbot 658	318	4
Whitehead Drlg Contr	1	dsl	450	Wils Model 30	425	4
CUSTER						
Big Chief Drlg	37	gas	1350	Emsco J1250	1350	16
Drillers	42	d-e	3000	Emsco Electrohoist II	3000	25
Duel Drlg	20	dsl	2250	Olwl 860	1400	22
	33	d-e	2800	Olwl 840	1500	22
Eason Oil	12	dsl	2000	Nat 80B	1200	16
Grace/T R G Drlg	11	d-e	2000	G-D 1100E	2400	18
	16	d-e	1500	G-D 800	1800	16
	23	dsl	1400	Nat 80B	1305	16
Helmerich & Payne	49	dsl	1650	Nat 110	1815	18
	95	d-s	1600	Nat 80UE	800	15
Lanex Drlg	A-12	d-s	1600	Emsco D2	750	13
	B-18	d-s	2700	G-D 1100E	1500	20
	B-20	d-s	2600	Emsco EHII	2000	20
Loffland Bros	196	d-e	3300	MC U1220	2200	28
	244	d-e	2500	MC U1220E	2200	28
Magic Circle Drlg	17	dsl	2460	Olwl 96	2460	20
Nicor Drlg	10	dsl	2000	MC U914C	1500	18
	55	d-e	2000	MC U914EC	1500	21
ONEOK Drlg	9	dsl	1110	MC U15	700	13
	12	d-e	2000	Olwl 840E	2000	20
Parker Drlg	170	dsl	1650	OIME SL1500P	1650	20
	210	dsl	2200	OIME 1500C	2200	22
Penrod Drlg	131	dsl	1000	Nat 80B	1760	
Quarles Drlg	9	dsl	2000	OIME SD 7E	1000	22
Santa Fe Drlg	SFDLII-21	d-e	2600	Nat 110UE	1500	17
	SFM 6	dsl	1200	OIME SL7	900	16
	SFW-17	d-e	1300	Nat 100	2000	14
Triad Drlg	11	dsl	1300	U-40	820	14
Unit Drlg & Expl	20	dsl	1000	G-D 700	1300	16
Viersen & Cochran Drlg	1	dsl	1400	Olwl 660	850	12
	2	dsl	1250	Nat 55	850	12.5
	15	dsl	1300	Olwl 660	850	14.5
Warrior Drlg	2	dsl	1600	S/B 75	1200	15
Westwood Drlg Co	1	dsl	1750	S/B N75	1500	12
Wilson Bros Drlg	16	dsl	2600	Nat 1320	2700	30
DEWEY						
Bonray Drlg	5	gas	700	Nat 50A	700	9
Brinkerhoff-Signal	68	dsl	700	Nat 55	700	12.5
Exeter Drlg	48	dsl	900	S/B N75	900	14
	59	dsl	600	Nat 50	600	10.5
FWA Drlg	5	dsl	1400	Wils Giant	850	11.5
Helmerich & Payne	55	dsl	1100	Nat 55	1210	14
	84	d-s	1700	Olwl 760E	760	16
Hickman Drlg	2	dsl	1000	BDW 650	1000	12
Lanex Drlg	B-16	d-s	2000	G-D 800E	1000	16
Mercury Drlg	1	dsl	2000	Emsco GB800	1470	16
ONEOK Drlg	2	d-e	1410	MC 36A	1000	13
Quarles Drlg	4	gas	1400	Emsco GB 500	500	12
Rine Drlg	5	dsl	700	S/B N55	700	9
Triad Drlg	5	dsl		Idco Super 750	1100	14
Trigg Drlg	2	g-b	700	Nat 75	900	12
Unit Drlg & Expl	18	dsl	1000	G-D 700	1300	16
	24	dsl	800	G-D 800	1200	15
Warrior Drlg	5	dsl	2000	BDW	1200	15
Westwood Drlg Co	12	dsl	800	G-D 700	1000	12
ELK CITY						
Parker Drlg	192	gas	1200	OIME 1000C	1200	16
ELLIS						
Forex Neptune and/or Affil	48	d-e	3200	G-D 1100E	1500	19
Hickman Drlg	5	dsl	1100	BDW 800	1100	15
Sage Drlg	4	dsl	350	Unit U15	500	11

OKLAHOMA (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Main Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
ELLIS (Cont'd)						
Service Drlg	8	dsl	800	MC U15	630	7
Triad Drlg	7	dsl		G-D 800	1100	16
Unit Drlg & Expl	9	dsl	600	S/B N55	1050	12
	11	dsl	1100	G-D 700	1300	15
Westwood Drlg Co	19	dsl	600	Oilwell 52T	3000	8
GARFIELD						
Bonray Drlg	6	dsl	700	Nat 50A	700	9
Hughes Drlg	1	dsl	550	Idco H35	500	7.5
	2	dsl	550	Idco H35	500	7.5
Nicor Drlg	38	dsl	750	Wils 75	640	9
	80	d-m	780	Wils Mogul 42	450	9
Thomas Drlg	5	dsl	425	Wils Giant	400	8.9
	8	dsl	300	Idco H35	300	7.5
GARVIN						
Big Chief Drlg	41	gas	1400	S/B N75	900	12
	42	dsl	1800	Nat 80	1800	15
	43	dsl	2000	Nat 80B	2250	16
	48	d-e	4000	G-D 3000E	3000	35
Cactus Drlg	56	dsl	800	S/B N55	850	9
	57	dsl	550	Idco H35	450	6.5
Exeter Drlg	51	dsl	600	MC U36	600	10.5
	61	dsl	1000	Nat 80B	1100	17
Grace/T R G Drlg	2	dsl	825	G-D 500M	870	11.5
Helmerich & Payne	8	dsl	1100	Nat 55	1210	14
Johnson Bates Drlg	5	dsl	1000	MC U15	1100	10
Moran Drlg, E W	16	dsl		S-H 7000	400	9.5
Nicor Drlg	5	dsl	1200	Beth C50	450	10
ONEOK Drlg	5	dsl	1310	MC U15	900	10.5
Parker Drlg	186	dsl	2200	OIME 1500C	2200	22
Scott Drlg, Jerry	7	dsl	350	Crdw L350	600	8
	8	dsl	1520	MC U15	1000	11
Top Drlg	2	dsl	1200	Oilwell 660	1200	14
GRADY						
Arden Drlg	6	d-e	3200	Emsco C3	3000	35
Cactus Drlg	35	d-e	3220	Nat 110UE	2000	20
Crescent Drlg	1	dsl	840	Beth S45E	420	7.5
Eason Oil	21	d-e	2000	Emsco D2	750	13
	23	d-e	3200	Emsco C3E	3000	30
Exeter Drlg	44	dsl	1000	G-D 800M	1100	15
Forex Neptune and/or Affil	50	d-e	3200	G-D 1500E	2000	21.7
Grace/T R G Drlg	15	dsl	1245	Nat 75CA	1305	15
Loffland Bros	99	gas	1300	MC U20	1300	15
M G F Drlg-Lafayette	46	dsl	1800	Idco S711	1500	18
Magic Circle Drlg	16	gas	1300	Beth M810	1300	16
Nicor Drlg	2	dsl	1500	MC U15	700	12
	11	dsl	2300	MC U1220B	2000	21
	64	d-m	1750	Emsco GB800	1000	15
Nobie Drlg	N-83	dsl	1530	Nat 80B	1530	15
ONEOK Drlg	1	d-m	1150	MC U15	800	13
	8	dsl	1110	S/B N55	700	13.5
Parker Drlg	172	dsl	1650	OIME SL1500P	1650	20
	179	dsl	3000	OIME Hercules 3000E	3000	30
	196	dsl	3200	OIME E3000	3000	35
Penrod Drlg	133	dsl	1600	Nat 1625DE	4610	20
Ratliff Drlg	2	gas	1020	Nat 55	1020	14
Resource Drlg	RD-29	dsl	1560	Nat 80B	1835	14
Santa Fe Drlg	SFM 15	dsl	1450	BDW 800MI	800	15
	SFM 3	dsl	1250	OIME 1000SL	900	14
	SFM 4	dsl	1550	OIME SL1500	1500	18
	SFM 8	dsl	2700	OIME SD7E	900	20
	SFW-15	d-e	1600	Emsco C111	2000	30
	95	d-e	2800	Oilwell E2000	1500	20
Schlensker Drlg	10	gas	900	G-D 800M	1350	16
Thomas Drlg	6	gas	600	Nat 50A	600	13
	9	dsl	640	S/B N46	640	13
Viersen & Cochran Drlg	18	dsl	2000	Nat 80B	1600	17.5
Warrior Drlg	3	dsl	1800	Nat 100	1800	17
GRANT						
Hughes Drlg	6	dsl	550	Idco H35	360	6.2
Leben Drlg	11	dsl	500	G-D 3000	500	7
Mendenhall Drlg	1	dsl	450	Fail 90	318	5
Vaughn Good Drlg	1	dsl	500	Coop 600	500	9
	2	dsl	1100	Coop 650	600	12
HARPER						
Challenger Drlg	3	dsl	700	Nat 50A	750	10
H30 Drlg	77	dsl	525	Idco H40	600	8
Zenith Drlg	1	dsl	800	S/B N7A	400	10.5
HASKELL						
Dual Drlg	2	dsl	1250	Wils Giant	650	9.5
Grace Miller Drlg	114	dsl		Nat 50	700	10
Moran Drlg, E W	21	dsl	1450	Wils 120	1100	15
Unit Drlg & Expl	2	dsl	700	MC U15	800	12.5
	29	dsl	1000	S/B N75	1200	16
HUGHES						
R W I T Drlg	2	g-l	690	MC U34	280	6
	8	g-l	901	MC U34	280	6
JEFFERSON						
Drillers	10	dsl	1600	Nat 100M	1600	18
KAY						
Kay Drlg	1	dsl	480	S/B N4	480	6
McLennan Drlg	3	dsl	450	Cbot 658	318	4.5
KINGFISHER						
American Western	10	dsl	1050	Cbot 750	700	8
	12	gas	950	Emsco 500	600	10.5
	14	gas	850	Emsco 500	600	10.5
	16	gas	850	Emsco 500	600	10.5
Beard Drlg (OK)	1	gas	675	Emsco G450	450	10
Bonray Drlg	7	dsl	376	Coop 550	475	7
	22	dsl	800	Idco H525	800	10.5
Drillers	36	dsl	600	Emsco GB350	700	8.5
Enopco	5	dsl	2000	Nat 80B	1800	18
Magic Circle Drlg	15	dsl	900	MC U15	900	12
Sabre Drlg Div Grace	4	dsl	600	Nat 370	525	7.5
LATIMER						
Cactus Drlg	29	dsl	2000	Nat 110	2550	20
Dual Drlg	18	dsl	1500	Beth M-810	1000	15
Exeter Drlg	46	dsl	900	S/B N75	900	14
Grace Miller Drlg	19	dsl	2000	G-D 1500E	2000	220
	117	dsl		OIME SL7	1500	20
Grace/T R G Drlg	19	d-e	2200	G-D 1500E	2400	22
Lanex Drlg	A-15	d-s	2000	Emsco D3	1000	16
	B-12	d-s	1600	Emsco D2	750	13
New Prospect Drlg	2	dsl	1000	S/B N75	1100	16
Quarles Drlg	1	dsl	1500	OIME 750	750	14.5
	3	dsl	2000	OIME 1000	1000	18
Unit Drlg & Expl	17	dsl	700	S/B N75	1300	15
LE FLORE						
Alexander Drlg	5	dsl	1800	Emsco A1100	1400	18
	6	dsl	800	W-N 250H40	400	7
C E C Drlg	2	dsl	1100	MC U15	800	10
Grace Miller Drlg	116	gas		S-H 7000	390	8
LINCOLN						
Johnson Bates Drlg	4	dsl	400	MC U34	375	6.5
Sabre Drlg Div Grace	6	dsl	450	Nat T20	335	6
LOGAN						
Basin Drlg	1	dsl	600	G-D 500M	820	10
	2	dsl	600	G-D 500M	820	11
	3	dsl	500	G-D 500M	820	10
	7	dsl	850	MC U36A-M	820	8
	8	dsl	750	Emsco D2M	820	13
	9	dsl	600	G-D 500M	820	10
	10	dsl	500	G-D 500M	820	10
Bodard & Hale Drlg	16	dsl	450	Idco H37	450	6.5
Hughes Drlg	5	dsl	550	Idco H35	360	6.2
Porter Drlg, Gene	1	dsl	600	MC U34	435	6
Sabre Drlg Div Grace	9	dsl	450	MC U34	450	6
Sloan Drlg	10	dsl	400	MC U34	450	6.5
	18	dsl	370	Crdw 350	450	7
LOVE						
Arden Drlg	10	d-e	2000	Emsco D3	1200	16
Beard Drlg (OK)	5	dsl	1379	Emsco D2	1029	15
Butler-Johnson	12	dsl	1300	G-D M700	1300	12.5
Grace/T R G Drlg	75	d-e	2200	Nat 1320UE	2400	22
Johnson Bates Drlg	9	dsl	700	Beth S50	450	7.5
Nicor Drlg	18	dsl	1300	MC U15	700	12.5
Viersen & Cochran Drlg	5	dsl	1250	Oilwell 660	800	12.5
	17	dsl	1200	Oilwell 660	850	13.5
McCLAIN						
Drillers	27	dsl	700	Emsco GB500	750	10
Exeter Drlg	50	dsl	900	S/B N75	900	14
Viersen & Cochran Drlg	4	dsl	1250	Nat 55	850	12.5
MAJOR						
Beard Drlg (OK)	2	gas	1200	MC U15	800	12
Dean Drlg	1	dsl	1150	Idco H40	900	10
Hughes Drlg	4	dsl	700	Idco H44	636	9
Logan Drlg	4	dsl	900	BDW 650	900	10
Nicor Drlg	7	dsl	1350	MC U15	700	11.5
	8	dsl	755	Nat 50CA	425	11
	14	dsl	1300	G-D 500M	650	10
	28	dsl	1000	MC U15	700	11.5
	81	d-m	900	Idco H40	550	8
Top Drlg	3	dsl	400	Oilwell 500	450	8.5
Triad Drlg	9	dsl		BDW 650	800	12
Unit Drlg & Expl	23	dsl	600	MC U15	600	10
Viersen & Cochran Drlg	22	dsl	1300	Nat 610	850	12.5
MARSHALL						
Exeter Drlg	62	dsl	1000	Nat 110M	1100	17
Santa Fe Drlg	SFW-22	d-e	2600	Nat 110UE	1500	17
MC CLAIN						
Arden Drlg	14	dsl	1300	Nat SS	700	12
Beard Drlg (OK)	3	dsl	1379	MC U10	1029	14
	4	dsl	1379	MC U10	1029	14
Dual Drlg	1	dsl	1000	Wils 75P	900	12.5
Johnson Bates Drlg	3	dsl	1100	MC U34	1100	10.5
	15	dsl	1350	Wils Titan	1575	14
Mercury Drlg	8	dsl	2000	G-D M700	1400	17
ONEOK Drlg	3	dsl	550	Wils Giant	350	7
	11	d-e	2000	Nat 110UE	2000	20
Quarles Drlg	7	dsl	1050	Nat 750A	800	14
Ratliff Drlg	5	dsl	1100	Nat 75CS	1100	15
	12	dsl	700	G-D 500M	700	12
Trigg Drlg	4	dsl	700	Nat 75	950	12
NOBLE						
Bodard & Hale Drlg	4	dsl	450	MC U34	400	6.5
Bonray Drlg	8	dsl	850	Coop 750	650	10
Hughes Drlg	9	dsl	550	Cbot 500	343	6.5
	10	dsl	550	Cbot 550	425	7.5
Sabre Drlg Div Grace	118	dsl	450	U 34B	450	6
Sumpter & Barker Drlg	1	dsl	930	Wils Mogul 42	430	6.5
OKFUSKEE						
Scott Drlg, Jerry	1	dsl	350	S/B N4	350	5.5
	5	dsl	375	Beth S45	375	6
OKLAHOMA						
Adeco Drlg & Engr	17		690	OIME SL750	1035	14
Basin Drlg	15	dsl	1000	MC U712AM	1200	17
	16	dsl	1350	MC U914CM	1400	22
	17	dsl	1350	MC U914CM	1400	22
Big Chief Drlg	20	gas	1200	MC U40	960	13.5
	30	gas	1515	Idco 1050	1515	15
Bigard Drlg	18	d-e	2000	Idco ED1200	2000	20
Bodard & Hale Drlg	5	dsl	450	MC U34	425	6.5
	7	dsl	550	Beth S55	600	8
	15	dsl	450	MAC 400	525	7.5
Eason Oil	17	dsl	2300	Emsco C1	1500	21
	18	d-e	2300	Emsco C1E	1500	21
	19	dsl	1800	Emsco D2	750	13
	20	d-e	2000	Emsco D3	1000	16
	24	d-e	2600	Emsco C1E	1500	21
Exeter Drlg	63	dsl	450	Coop 750	600	8
Falcon Drlg	1	dsl	600	Beth S45A	400	7
Grace/T R G Drlg	142	dsl	1000	Beth 650	1000	12
Johnson Bates Drlg	1	gas	350	MC U34	300	5.7
	2	gas	325	MC U34	245	6.5
Lanex Drlg	C-9	d-e	1600	BDW 650	650	12
Mercury Drlg	3	dsl	2000	Oilwell 96	2100	22
	5	dsl	2700	G-D 1100	3225	22
	6	dsl	1500	Emsco 500	1425	14
	12	dsl	2000	G-D 800	2100	20
	14	dsl	2000	MC U914	2100	22
	15	dsl	2700	Nat T1320M	3225	25
Nicor Drlg	1	dsl	1700	MC U20	1200	15
	3	dsl	785	MC U15	700	11.5
	54	d-m	400	Idco H35CKD	400	4.3
	65	d-e	2700	MC U914EC	1500	21
	71	d-e	2000	MC U914EC	1500	21
Parker Drlg	43	gas	1800	Oilwell 96	1800	20
	47	gas	1400	OIME 1500C	1400	20
	71	gas	1600	Nat 125	1600	20
	114	d-e	2700	Idco 3000E	3000	30
	142	dsl	2600	Nat 1320E	3000	25
	164	dsl	1650	OIME SL1500P	1650	20
	181	dsl	3000	OIME Hercules 3000E	3000	30
	204	dsl	2200	OIME E1500C	2200	22
	208	gas	2200	Idco 711	2200	18
Ratliff Drlg	10	gas	1020	Nat 50	1020	10
	16	dsl	750	MC U15	750	10
	17	dsl	700	Nat 50A	700	12
S & T Drlg	8					
	11					
Sabre Drlg Div Grace	7	dsl	1050	MC U15	450	7.5
Schlensker Drlg	11	dsl	2400	G-D 1100M	2400	20
Scott Drlg, Jerry	6	dsl	1342	MC U15	1342	10.5
Seneca Drlg	1	d-e	1600	MC U36EA	1000	14
	2	d-e	1600	MC U36EA	1000	14
	3	d-e	1600	MC U36EA	1000	14
Thomas Drlg	1	dsl		S/B N42		11
Viersen & Cochran Drlg	3	dsl	1250	Nat 75	850	12.5
	10	dsl	2000	Nat 100	1000	15
	12	gas	900	Nat 50	800	9
Warrior Drlg	1	dsl		Emsco	400	5

OKLAHOMA (Cont'd)

Contractor / Rig No.	Type Power	Total HP All Main Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	4½" - in. Pipe, Rated Depth With 1000 ft.
OKLAHOMA CITY					
Blocker Drlg 25					12
26					14
OSAGE					
Equity Drlg	175 dsl	300	Wils Super 38	300	4.2
Hughes Drlg	17 dsl	500	S-Star SS40	220	3.5
McLennan Drlg	4 dsl	318	G-D	238	2
PAYNE					
Hughes Drlg	15 dsl	550	Cbot 550	425	7.5
Sabre Drlg Div Grace	153 dsl	450	MC US4	450	6
Venture Drlg	2 dsl	550	Cbot 750	750	7.5
PITTSBURG					
Alexander Drlg	2 dsl	1200	Emsco G42	800	12.5
Arden Drlg	13 dsl	1600	Idco H7-11	700	12
	15 dsl	2000	OIME SL7	1000	16
Basin Drlg	13 dsl	1470	G-D 700M	1220	14
Dual Drlg	10 dsl	1250	Wils 120	1100	15
FWA Drlg	7 dsl	1500	Wils Titan	1040	14
	19 dsl	1600	Wils Titan	1040	14
Grace Miller Drlg	122 dsl		BDW 800	1300	15
	123 dsl		BDW 800	1300	15
Lagersen Drlg	4 d-e	2000	Emsco J1100E	2500	22
Moran Drlg, E W	8 dsl	1900	Wils 150A	1650	18
	14 dsl	1650	Wils 150	1650	15
R W I T Drlg	9 g-l	610	Wils	280	6
Unit Drlg & Expl	16 dsl	600	MC U15	800	11
PONTOTOC					
Baulch Drlg	1 dsl	350	S/B N4	275	4.8
Bodard & Hale Drlg	11 dsl	450	MAC 300	450	6.5
Scott Drlg, Jerry	10 dsl	400	Crdw 450	450	6
POTTAWATOMIE					
Bodard & Hale Drlg	6 dsl	600	Nat T20	450	6.5
	14 dsl	450	S/B N4	450	6.5
Sloan Drlg	12 dsl	370	S/B N4	450	6.5
PUSHMATAHA					
Dual Drlg	36 d-e	2000	Otwl 760	1000	16
Loffland Bros	206 g-c	2160	MC U914B	2200	20
ROGER MILLS					
Baker & Taylor Drlg	5 dsl	1400	MC U20	1400	22
Basin Drlg	4 dsl	1600	G-D 700M	820	14
Challenger Drlg	32 dsl	2400	Nat 1320	2400	20
Dual Drlg	32 d-e	2800	Otwl 840	1500	22
Forex Neptune and/or Affil	52 d-e	3200	G-D 1500E	2000	21.7
Grace/T R G Drlg	17 d-e	2200	G-D 1500E	2400	22
	132 d-e	3000	G-D 3000E	3000	30
Helmerich & Payne	44 dsl	1650	Nat 110	1815	22
	82 d-s	2800	Otwl E2000	2000	26
	92 d-s	2000	Nat 110ME	1500	20
	93 dsl	1600	Nat 80B	800	15
	97 d-s	3400	Otwl E2000	2000	26
Loffland Bros	18 d-e	2600	MC U1220EB	2200	28
	123 gas	1975	Nat 130	2200	26
	218 d-e	3300	MC U1220E	2200	28
	311 dsl	2250	G-D 1500	2500	24

NICOR Drilling Company
(918) 587-5507

Nicor Drlg	19	dsl	1650	Idco 750	750	15
Noble Drlg	IDW-841	e-s	2775	Otwl 840E	1400	20
ONEOK Drlg	6	dsl	1110	MC U15	700	11
Parker Drlg	203	dsl	2600	OIME E2000	2000	25
	218	gas	1400	OIME 1000C	1400	18
Rowan Drlg	7	dsl	3200	Emsco A1500	2500	22
	14	dsl	3200	Nat 1625M	3000	35
	31	dsl	3200	Nat 1625	3300	30
Santa Fe Drlg	SFM 11	dsl	1900	G-D 800	1000	15
	SFM 9	dsl	1600	BDW 800MX	800	16
Slawson Drlg	8	dsl	750	Idco H725	750	14.5
	9	dsl	1400	Idco H900	950	16.5
Tri-Service Drlg	12	d-s	3300	Otwl E2000	2000	25
Unit Drlg & Expl	15	dsl	1300	MCSCO 914C	1850	25
Viersen & Cochran Drlg	20	dsl	1600	Nat 610	1300	12.5
	21	dsl	2000	Nat 80B	1600	17.5
Wilson Bros Drlg	1	d-e	2600	Idco E2100	2100	21
SEMINOLE						
Johnson Bates Drlg	7	dsl	1000	Wils Titan	1350	12
Leeman Drlg	1	dsl	500	Coop 550	525	8
Scott Drlg, Jerry	2	dsl	420	MC U34	430	6.5
Sloan Drlg	14	dsl	370	Nat T20	600	7
	16	dsl	370	Wils 42	600	7
	20	d-e	850	Wils 90EH	1000	12

OKLAHOMA (Cont'd)

Contractor / Rig No.	Type Power	Total HP All Main Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	4½" - in. Pipe, Rated Depth With 1000 ft.
STEPHENS					
Arden Drlg	7 dsl	1700	OIME SL7	1500	15
Big Chief Drlg	36 dsl	1400	Nat 55	900	11
Challenger Drlg	23 dsl	1800	G-D 11100	2700	18
	26 dsl	30	Nat T20	600	5
Grace/T R G Drlg	5 dsl	1245	Nat 75	1305	14.5
	14 d-e	2000	G-D 1100E	2400	18
Jones Drlg Corp	2 dsl	385		385	5
	5 gas	400	Beth 545	400	7
	10 dsl	2000		2000	20
	11 dsl	800		800	10
	14 dsl	1200		1200	14
	15 dsl	900		1000	14
	16 dsl	850		1400	16
Lanex Drlg	B-15 d-e	2000	Emsco D3	1000	16
Nicor Drlg	83 dsl	3200	MC U1220EB	2500	30
Ratliff Drlg	8 g-b	1020	Nat 50A	1020	10
	9 gas	700	Nat 50A	1020	11
Thomas Drlg	10 dsl	600	Wils Super Giant	600	11
TEXAS					
Damac Drlg	6 dsl	550	Cbot	450	6.5
Service Drlg	10 dsl	300	MC	400	5
Triad Drlg	4 dsl		S/B N7	800	11
TILLMAN					
Moran Drlg, E W	20 dsl	1200	S-H 7000	400	9.5
WASHINGTON					
Equity Drlg	150 dsl	300	Fail 2500	300	3/ 3.5"
WASHITA					
Arden Drlg	12 d-e	2600	Nat 110UE	1500	22
Bonray Drlg	2 dsl	1650	Otwl 860	1650	20
	20 dsl	1680	Idco Super 711	1680	17
	30 dsl	2400	Nat 1320	2400	25
	31 dsl	2400	Nat 1320	2400	25
	32 dsl	1600	Nat 110	1600	20
Cactus Drlg	6 dsl	1300	Idco 711	1100	14
Challenger Drlg	6-E dsl	900	Nat 80E	1000	14
Drillers	44 d-e	2000	G-D 2000	2000	25
Haning & Young Drlg	151 d-e	2000	S/B NE95	1700	18
Helmerich & Payne	48 dsl	1640	Nat 110	1820	22
	78 d-s	2000	Nat 110UE	1500	20
	80 d-s	2200	Nat 110UE	1500	20
	96 d-s	1600	Nat 80UE	800	15
	99 d-s	3400	Otwl E2000	2000	26
Lagersen Drlg	7 d-e	2000	Emsco CIE	2500	22
Loffland Bros	19 d-e	3200	Emsco C3000	3300	35
	227 dsl	2400	MC U914A	2500	22
	324 dsl	2250	G-D 1500	2500	24
	327 dsl	2250	G-D 1500	2500	24
Magic Circle Drlg	18 d-e	4000	Emsco C2	2000	25
Mercury Drlg	7 dsl	2000	G-D 800M	2100	18
	10 dsl	2000	G-D 800	2100	18
Noble Drlg	N-115 dsl	2130	Nat 110	2130	20
	N-117 e-s	3645	Nat 110UE	3645	20
Parker Drlg	178 dsl	2200	OIME SL1500P	2200	22
	214 gas	2300	OIME 1500C	2200	22
Quarles Drlg	12 dsl	2700	MC U914C	2400	22
Ratliff Drlg	1 dsl	2640	Otwl 96	2640	24
Resource Drlg	RD-27 dsl	1540	Nat 80B	1835	14
Rowan Drlg	5 dsl	3200	Nat 1625M	3000	35
Unit Drlg & Expl	21 dsl	1000	G-D 700	1300	16
	25 dsl	600	G-D 700	1300	16
Warrior Drlg	4 dsl	1800	BDW	1000	17
Westwood Drlg Co	18 dsl	2000	G-D 1500E	2000	20
Wilson Bros Drlg	22 d-e	2800	Otwl E2000	2000	25
WOODS					
Damac Drlg	2 dsl	350	Wils Giant	350	6.6
Exeter Drlg	47 dsl	600	MC U36	600	10.5
Magic Circle Drlg	11 dsl	900	Nat 50A	900	10
	14 dsl	320	Cbot 2042	700	9.5
Sage Drlg	6 dsl	350	Emsco 350	500	9
Slawson Drlg	7 dsl	480	Idco H525	480	11.5
Triad Drlg	12 dsl	1050	U-15	700	12
WOODWARD					
Drillers	11 d-h	1500	Automatic H2000	2000	12
Hickman Drlg	3 dsl	1000	BDW 650	1000	12
	6 dsl	1100	BDW 800	1100	15
Rine Drlg	3 dsl	750	S/B N55	750	9.5
	6 gas	700	S/B N75	750	12
	9 dsl	1000	G-D 800	1000	13.5
Triad Drlg	2 dsl		S/B N45	550	9
	3 dsl		S/B N55	800	12
	8 dsl	2250	G-D 1500	2250	24

OREGON

UNDESIGNATED						
Bawden Drlg	21E	scr	1800	Emsco C-1	1500	18

OREGON (Cont'd)

COLUMBIA						
Taylor Drlg	4	dsl	1000	Nat 50	750	9
	5	dsl	750	MC U34	375	6

PENNSYLVANIA

ARMSTRONG						
Fairman Drlg	12	dsl	400	Idco	250	5
CAMBRIA						
Delta Drlg	77	dsl	250	Idco H35KD	291	6
Fairman Drlg	14	dsl	400	S/B	350	7.5
CHAUTAUGA						
Union Drlg	8	dsl	1200	Idco BIRH37	425	6.5
CLEARFIELD						
Fairman Drlg	5	dsl	400	Crdw	350	4
	6	dsl	350	Idco H44	550	8
	7	dsl	350	Idco H44	550	8
	8	dsl	350	Idco H44	550	8
	9	dsl	400	Idco H44	500	8
CRAWFORD						
Devonian Drlg	1	dsl	325	Kremco K800	475	7
	2	dsl	505	Cbot 2042	475	6
P E P Drlg	3	dsl	650	Nat T45	600	7.5
ELK						
Delta Drlg	67	dsl		S-H 7000	480	9
ERIE						
International Petr Serv	11	dsl		Chal 32	475	4.2
Underwater Gas Dev	7			Chal 320	300	6
Union Drlg	4	dsl	1200	S-H 6000	340	7
	10	dsl	1200	Idco BIR5535	425	7.5
	12	dsl	1200	Cbot 500	425	6.5
	13	dsl	1200	Idco BIR5525	425	6
	14	dsl	1200	Crdw KB250	425	6.5
INDIANA						
Delta Drlg	91	dsl	255	Idco H35KD	291	6
	92	dsl	255	Idco H35KD	291	6
Fairman Drlg	10	dsl	400	Wils Mogul 42	350	5
	15	dsl	300	Idco	300	5
International Petr Serv	8	dsl	600	Wils Mogul 42	475	7.5
JEFFERSON						
Fairman Drlg	11	dsl	400	Idco H44	500	8
MERCER						
P E P Drlg	5	dsl	550	G-D 500M	500	7
Union Drlg	7	dsl	1200	Cbot 500	425	6.5
POTTER						
International Petr Serv	10	dsl	600	Wils Mogul 42	475	7.5
SOMERSET						
Delta Drlg	72	dsl	250	S-H 7000	440	9
TIOGA						
Union Drlg	9	dsl	1200	Cbot Exp III	425	9
VENANGO						
Delta Drlg	78	dsl	250	Idco H35KD	291	6
P E P Drlg	8	dsl	550	G-D 500	500	10
WARREN						
International Petr Serv	5	dsl	475	Wils 42	475	7.5

SOUTH CAROLINA

COLLETON						
Delta Drlg	83	dsl	2600	Emsco C1 Type III	2331	18

SOUTH DAKOTA

UNDESIGNATED						
Cardinal Drlg	9	dsl	1120	Nat 50CA	720	11.5
HARDING						
Cardinal Drlg	15	dsl	1060	Emsco GA500	760	10

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	4½ -in. Pipe, 1000 ft. •	Rated Depth With

TENNESSEE

CAMPBELL

Miller Contract Drlg	18	dsl		I-R T4	600	3.5

FENTRESS

Norman Drlg, James R	2	dsl	750	I-R	450	2.5

RHEA

Delta Drlg	71	dsl	1000	S-H 7000	440	9

TEXAS

UNDESIGNATED

KELLEY ONSHORE DRILLING CO.

Ard Drlg	2	dsl	1986	MC U20	1800	18
	3	dsl	1400	MC U40	1200	15
	4	dsl	900	MC U15	900	12
	8	dsl	1900	Emsco 800GB	1800	16
Baker & Taylor Drlg	2	dsl	1400	MC U20	1400	20
	4	dsl	1140	MC U20	1140	18
	6	dsl	1400	MC U40	1400	20
	7	dsl	870	MC U15	870	11
	10	dsl	870	MC U15	870	11
	14	dsl	1140	MC U40	1140	18
Blocker Drlg	6	dsl	1500	Cbot HT Expl	950	10
Continental Drlg	2	d-e	2600	Idco E1700	1700	19
	11	d-e	2600	Idco E1700	1700	19
	14	d-e	2000	Idco ED1200	1200	18
	33	d-e	2600	Idco E1700	1700	19
	42	d-e	3200	Idco E2100	2100	25
Cothrum Drlg	2	dsl	926	MC U15A	912	11.5
	3	dsl	1200	S/B N72W	912	12
	5	dsl	1525	BDW 650	912	14
	6	dsl	750	Emsco G500	600	7.5
	8					
	9	dsl	900	S/B N4	500	6.5
	10	dsl	1500	G-D 1500	2250	24
	11	dsl	250	G-D 210B	250	10
	14					
	16					
	17					
	20					
Culver Drlg	3	dsl	800	G-D 800	800	16
	4	dsl	800	S/B N45	700	10/ 4"
	6	d-e	2000	G-D 2100	2000	30/ 5"
	11	dsl	1500	MC U914C	1500	17
	16	dsl	800	G-D 700	800	14
D B Drlg	12	dsl	1040	Nat 100	1040	16
Deutsche Tiefbohr	T-12					
	T-2					
Eljay Drlg	3	d-s	3400	Otwl E3000	3000	30
Faith Drlg	2	dsl	1500	Nat 55	1300	12
Faulk Drlg	4	dsl	450	S/B N4	450	6
Frio Drlg	4	dsl	1100	Nat N55	1100	12
Gibson Drlg	1	dsl	606	Wils Mogul 42	398	5
	5	dsl	1030	Wils 75P	700	9
	7	dsl	895	Emsco GB350	660	8.5
Grace France Drlg	3	el	2400	Otwl E760	2400	17
	6	dsl	1300	Nat 610	900	13
Hurt & Assoc, Clint	12	dsl	1200	Wils 75	900	11
J & W Drlg	3	dsl	280	Wils Mogul 42	440	6
J 3 Drlg	1	dsl	1375	MC U36A	950	14
	2	dsl	1650	MC U36A	950	14
	3	dsl	1100	MC U34B	750	8.5
	4	dsl	1100	MC U34B	750	8.5
	5	dsl	2470	MC U914	2470	20
Johnn Drlg	5	dsl	700	MC U15	700	8.5
	10	dsl	800	Otwl 66	800	10
Jones Drlg Co	53	dsl	225	Houston Portable	225	3
	54	dsl	425	Beth S45	425	6
	55	dsl	450	Beth S45	425	7
Justiss Oil	5	dsl	450	Beth S45E	300	6.5
	14	dsl	800	Emsco GB500	900	11
	25	dsl	250	Emsco GC350	450	12
	30	dsl	1000	Beth 1013	1400	17
	31	g-b	500	Wils Giant Roadair	650	10
	32	g-b	700	Beth 450	900	12
	36	dsl	1000	1013	1200	16
King Drlg	1	dsl	1177	Crdw 700	800	12
	9	dsl	1177	Crdw 700	800	12.5
Ladrido Drlg	1	dsl	1600	MC U15	1050	13.5
Luke Grace Drlg	1	g-b	500	MC U15	750	10.5
	2	dsl	500	MC U15	750	10.5
M G F Drlg-Houston	6	dsl	600	Nat T32	500	9
	30	dsl	750	Nat 610	800	12

TEXAS (Cont'd)

UNDESIGNATED (Cont'd)

M G F Drlg-Houston	31	dsl	700	Otwl 76	900	12
	32	dsl	750	Nat 610	800	12
	37	dsl	500	G-D 500	700	9
	38	dsl	1600	Emsco C1	1200	17
	39	dsl	2200	Nat 125	1500	20
McBay Oil & Gas	1	dsl	3406	Wils Super 38	3308	8
	2	dsl	3406	Beth S50	3408	8
Mallon Drlg	2	dsl	1300	Emsco GB350	750	10
	3	dsl	750	Beth S50	375	6.2
	4	dsl	750	Beth S50	375	7
Nixon Drlg	1	dsl	300	Crdw CatD	300	4
	7	dsl	400	Midway	600	6.5
Norwood, A N	1	dsl	450	Wils Super 38	350	5.5
	2	dsl	700	S/B N4	450	6
	3	gas	1000	S/B N4	450	6
	4	dsl	600	Nat T20	450	6
Originala Drlg	1	dsl	400	Wils Super 38	400	6
	3	dsl	400	Nat 50A	400	8.5
Padre Drlg	3	dsl	700	RMI	800	10
	9	dsl	1300	S/B 4610	450	8.5
Pearl Expl	1	dsl	600	Wils 65	500	7
Price & Co, J A	3	dsl	1000	G-D Model 3000	370	5
PRC Drlg	1	dsl	840	S/B RR800	385	8
	2	dsl	804	MC U34	385	7.5
	4	dsl	1040	Cbot 2345	770	10
	6	dsl	1817	S/B N75A	1040	14
Rio Colorado Drlg	119	dsl	1300	Emsco A800	1600	12/ 5"
	141	dsl	1200	Nat T45	900	10.5
	145	dsl	2000	Nat 110	1650	18
SH & J Drlg	1	dsl		Crdw O	800	10
Safari Drlg	1	dsl	640	MC U15	640	10
Seely & Co	2	dsl		Fail 2500		3
Shuler Drlg	4	dsl	700	Emsco GB350	700	8.5
Sojourner Drlg	7	dsl	350	MC U15	7500	7.5
	10	dsl		MC U15	550	7
South Texas Drlg	5	dsl	500	S/B N45	500	8
	6	dsl	650	S/B N46	800	10
	7	dsl	910	Idco H1200	1200	15
Tommy's Oilwell Drlg	2	dsl	800	Beth S50	476	7
	6	dsl	476	Wils 550		5.5
	7	dsl	800	S-H 5000	476	7
	8	dsl	800	SOS 6000S	650	8
	9	dsl	800	Crdw L	500	4
Transcontinental Drlg-Magnolia	2	gas	500	Emsco GB350	500	8.5
	5	dsl	1050	Otwl 76	1050	11.5
	35	dsl	1000	G-D 800M	1000	15
Tucker Drlg	1	dsl	750	S/B N55	750	10
	3	dsl	350	S/B N45	600	6.5
	4	dsl	214	MC U15	450	7.5
	5	dsl	750	Emsco GE500	750	10
	7	dsl	375	Beth 560	600	7
	9	dsl	750	Nat	750	10
	11	dsl	525	BDW 800	1200	14
Verna Corp	12	dsl	500	MC U15	600	11.5
	19	dsl	550	MC U15	800	11.5
	26	dsl	500	Idco H40	750	8
Wee-Tex Drlg	22					

ANDERSON

Henley Drlg	220	dsl	1200	Cbot 900	1000	10
Hinton Drlg, W B	5	dsl	900	S-H 7000	450	10
Schlensker Drlg	5	dsl	950	MC U15	950	10
	20	dsl	1270	Nat 75CA	1270	14
Thunderbolt Drlg	52	dsl	2000	Nat 110M	1845	18

ANDREWS

BB&C Drlg	1	dsl	350	Unit U34B	425	6
BJM Drlg & Expl	2	dsl	800	N 4213	600	8.5
	6	dsl	1200	MC U15	1000	12
Cactus Drlg	20	dsl	850	S/B N45	1080	7
	67	dsl	550	Nat T32	454	6.5
Cherokee Drlg & Dev	5	dsl	900	BDW 450	531	7
Dual Drlg	31	dsl	1800	Otwl 500	600	9
Kenai Drlg	15	dsl	800	Emsco GB500	80	11
	25	dsl	700	Emsco GB500	800	11
M G F Drlg-Midland	9	dsl	850	Emsco GC500	850	14
Moran Bros	71	dsl	500	Nat 370	550	8.5
Quarles Drlg	5	dsl	850	Nat 50A	500	12
Rio Colorado Drlg	138	dsl	1750	Idco H1000	1000	12
	139	dsl	1200	Nat T45	900	11.5
	143	dsl	1200	Nat T45	1100	12.5
Rod Ric	3	dsl	670	S/B N45M	820	10
	4	dsl	750	Idco H40	600	8.5
	7	dsl	900	W-M Hellhoist	900	10
Sharp Drlg	63	dsl	1500	Emsco D3	1836	18
	370	d-e	1488	MC U712EC	1995	18
Sierra Drlg Co	1	dsl	500	BDW Min-Max	800	10
	2	dsl	500	BDW 600	800	10
	4	dsl	500	OIME SL5	1000	15
TMBR Drlg	10	dsl	1300	Beth 650M	750	10
	13	dsl	700	MC U15CA	500	10.5
	25	dsl	700	G-D 500	700	11
	30	dsl	350	MC U15	500	7
	31	dsl	600	MC U15	500	7
Verna Corp	13	dsl	600	S/B N4	400	8.5

TEXAS (Cont'd)

ANGELINA

Guffey-Schlensker Drlg	1	dsl	700	Unit U36A	933	11
Lagersen Drlg	5	d-e	1800	Emsco J750E	1250	16
Nicor Drlg	4	dsl	2000	G-D 800	1000	15
Noble Drlg	OW-77	dsl	800	Otwl 760	800	14

ARCHER

Megargel Drlg	4	dsl	350	Beth S45B	275	5.3
	10	dsl	750	MC U15	750	7

ASSUMPTION

Wilson Bros Drlg	11	dsl	2400	Nat 110	2700	20

ATASCOSA

Delta Drlg	81	dsl	1300	S-H 7000	480	9
Southland Drlg	3	dsl	1650	S/B N75		12
Willis Drlg	9	dsl	1000	G-D 700	1000	12

BEE

Buzzini Drlg	8	dsl	1400	Otwl M2000	2000	20
Delta Drlg	87	d-s	2000	Emsco D3 Type II	2592	16
Harkins & Co	9	dsl	2100	Emsco A1100	2100	18/ 5"

BORDEN

Sterling Drlg	2	dsl	1500	Nat 610	1150	13
Wee-Tex Drlg	9	dsl	700	Nat 50A	700	10
	17	dsl	335	MC U34	500	8

BORDON

Phelps Drlg Intl	21	dsl	1000	Nat 370	550	95

BRAZORIA

Bawden Int'l	31	d-s	2000	Nat 110UE	1500	18
Big 6 Drlg	2	dsl	800	Cbot	600	10
BSE Drlg	1	dsl	500	Wils Mogul 42	500	9
Forex Neptune and/or Affil	51	d-s	3200	G-D 1500E	2000	21.7
Loffland Bros	107	dsl	2160	S/B N12	2400	17
Wilson Bros Drlg	3	dsl	2600	Nat 1320	2700	30
	23	d-e	2800	Otwl E2000	2000	25

BRAZOS

Atco Drlg Southern	4	dsl	1550	Nat 55	550	12
	19	dsl	1500	Otwl 88	700	10.5
	50	dsl	1850	Nat 100HD	750	15
	52	dsl	1500	MC U40	900	12
M G F Drlg-Houston	7	dsl	700	MC U15	800	11
M G F Drlg-Midland	7	dsl	850	S/B N55	850	12
McMurrey Petr	1	dsl	800	S-H	750	10
Nickles Drlg	68	d-e	1500	Otwl 660E	1000	12.5

SPARTAN DRILLING
(713) 955-0625 (409) 775-7071
(303) 293-8006 (406) 482-6470
(403) 262-7778

Spartan Drlg	6	d-e	800	Sup 700E	700	10
	7	d-e	600	Sup 700E	700	10
	16	d-e	800	Sup700E	700	10

BROOKS

Cinco Drlg	11	d-e	2000	Sup 1000	1000	16
Cliffs Drlg	29	dsl	2600	Nat 110	2475	20
Harkins & Co	13	dsl	1477	Cbot 1000	1000	12
Magee-Poole Drlg	7	dsl	1130	Cbot 750	808	9/4"
	10	dsl	1500	Cbot 900	950	11/ 4"
Richards Drlg Co	5	g-b	1200	S/B N75	900	12.5
Richards-Armstrong	7	dsl	1900	Cbot 1000	900	12.5
San Patricio Corp	6	dsl	1500	Shaf 800	900	13

BURLESON

Basin Drlg	12	dsl	1470	G-D 700M	1220	14
Sterling Drlg	12	dsl	1500	Nat 610	1100	13
	19	dsl	1110	S/B N48	770	11

CADDO

Moran Drlg, E W	27	d-e	3200	G-D 1500E	2000	25

CALHOUN

Mesa Drlg	3	dsl	675	Wels W45	550	8
Richards-Armstrong	6	dsl	2500	Otwl 880	2400	18

CALLAHAN

Hack Drlg	1	dsl	350	S/B N4	350	7
	4	dsl	225	Nat T8	250	4
Safari Drlg	6	dsl	300	Emsco U34	370	8

TEXAS (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Main Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - In. Pipe, 1000 ft.
CAMP						
Cape Drlg	5	dsl	400	W-N Apache 95040	425	6
FWA Drlg	27	dsl	2000	G-D 800M	1560	15.5
Hinton Drlg, W B	3	dsl	1700	Nat 80B	1650	15
Thunderbolt Drlg	20	dsl	1150	Wils Mogul	476	8
CARSON						
Hudson Drlg, Leonard	8	dsl	300	Wils Mogul	450	5.5
Stahlco Drlg	1	dsl	510	Emsco 380	475	5
CASS						
Lester Drlg, Dan	10	dsl	1800	Oilwell 860	2400	20
Schlensker Drlg	8	dsl	635	Wils Mogul 42	475	7
CHAMBERS						
Delta Drlg	100	d-e	2000	Emsco D3	1560	16
Goldrus Drlg	21	dsl	1200	Cbot 1000	872	13.5
	23	dsl	870	Cbot 900	680	12
Grace France Drlg	2	dsl	1700	Oilwell 760	1700	17
M G F Drlg-Lafayette	43	dsl	1800	Oilwell 96	1200	18
South Texas Drlg	4	dsl	1000	S/B 1046	750	10
CHEROKEE						
McMurrey Petr	3	dsl	800	S-H	750	10
Rainbow Drlg	4	dsl	1600	Cbot 1200	1200	15
	5	dsl	2000	Cbot 1200	1200	15
Whaless Drlg	2	dsl	1200	Emsco D2	1200	11
CLAY						
Bennett Prod Corp	1	dsl	900	MC U15	900	13

L.D. BURNS DRILLING COMPANY
One Parker Square, Suite 500
(817) 723-0512
Wichita Falls, Texas 76308

Burns Drlg	3	dsl	800	Wils 75	780	10.5
	5	dsl	744	Beth S55	780	10
C M D Drlg	1	dsl	750	Wils Mogul 42	398	7
COCHRAN						
Norton Drlg	2	dsl	450	Wils Mogul 42	650	7
Sitton Drlg	7	dsl	450	Wils 75P	900	11.5
COKE						
D B Drlg	6	dsl	1150	S/B N45	575	9
	9	dsl	940	Schl 50560005	450	8.5
GCO Drlg	1	dsl	640	Nat T20	450	7.5
COLEMAN						
Bandera Drlg	10	dsl	775	MAC 300	475	7.5
Safari Drlg	3	dsl	340	S/B N4	300	7
	8	dsl		Detroit Diesel 8V		6
COLORADO						
Delta Drlg	17	d-e	2300	Emsco C1 Type II	2592	16
	20	d-e	2600	Emsco C2 Type II	3458	20
Padre Drlg	4	dsl	500	S/B H4210	400	7.5
COMAL						
Loffland Bros	110	dsl	2180	S/B N12	2400	20
	331	dsl	2180	MC U1220	2400	20
COOKE						
Arbuckle Drlg	1	dsl	700	BDW 400T	500	8.5

L.D. BURNS DRILLING COMPANY
One Parker Square, Suite 500
(817) 723-0512
Wichita Falls, Texas 76308

Burns Drlg	1	dsl	1360	Sea Coast 1000S	780	14
Feldenhoff Bros Drlg	1	dsl	285	Wils Mogul	185	5.5
	2	dsl	95	Wils Giant	650	9.5
	3	dsl	600	MAC 400	350	7.5
Jones Drlg Corp	12	dsl	1200		1200	10
COTTLE						
Sojourner Drlg	6	dsl		MC U15	550	7
CRANE						
BJM Drlg & Expl	4	dsl	1200	MC U15	1000	12
Cactus Drlg	69	dsl	750	Nat 370	718	10
	70	dsl	800	Nat 370	916	10
CRANE (Cont'd)						
Johnn Drlg	8	gas	800	S/B N75	800	12.5
	9					
Moran Bros	58	dsl	1300	Cbot 750	750	9
Resource Drlg	RD-26	dsl	1560	Nat 80B	1835	14
Tahoe Drlg	4	dsl	700	G-D 500M	700	14
TMBR Drlg	32	dsl	1200	Nat T16		
Verna Corp	11	dsl	550	MC U15	810	11.5
	14	dsl	500	Wils Mogul 42	550	7
	20	dsl	1000	Verna Drlg	1500	16
	34	dsl	1000	Emsco A800	1200	15
CROCKETT						
D B Drlg	25	dsl	125	Unit U15	800	10
Delta Drlg	2	dsl	1400	G-D 700M	784	12.5
	4	dsl	2150	Nat 100	1560	16
	70	dsl	300	S-H 6000	380	7
Dual Drlg	14	dsl	1560	Oilwell 760	1000	15
Sterling Drlg	11	dsl	375	Idco H30	480	6.5
	21	dsl	1180	S/B N46	770	11
Transcontinental Drlg-San Angelo	95	dsl	750	G-D 500	750	12
Wes-Tex Drlg	15	dsl	335	S/B N4	500	8
CULBERSON						
Kenai Drlg	2	dsl	2000	Emsco J1250	1800	15
DAWSON						
Cactus Drlg	14	dsl	800	Oilwell 66	1200	11
GCO Drlg	5	dsl	820	MC U15	850	9.5
Hurt & Assoc, Clint	9	dsl	1300	Wils 75	900	11
Landis Drlg	1	dsl	1000	BDW 650M	1000	13
	3	dsl	800	S/B N55	900	11.5
Moran Drlg, E W	26	dsl	1300	CEI 75D	750	11
Robinson Drlg of Texas	4	dsl	750	Nat 50A	900	12.5
Wes-Tex Drlg	10	dsl	300	S/B N4	500	8
	18	dsl	600	Nat 50CA	900	10
DE WITT						
B D K Drlg	4	dsl	1095	S/B N7	870	11.5
DELTA						
Maxwell Herring Drlg	20	dsl	1220	S/B 75A	1220	14
	22	dsl	1775	Wils 75	1100	10
DIMMIT						
Bearden Drlg	8	dsl	1200	Wils 75	900	9.5
	9	dsl	1200	Wils Mogul Super 42	900	9
Dixon Drlg	9	dsl	700	S-H 5000 Port	450	6
DUVAL						
Delta Drlg	99	d-e	3200	Emsco C2	3458	25
Magee-Poole Drlg	12	dsl	1500	Cbot 900	950	11/4"
Quarles Drlg	11	dsl	2700	MC U914C	2400	22
EASTLAND						
Bandera Drlg	9	dsl	700	MAC 300	475	7.5
J & W Drlg	1	g-d	180	Harris 5000	340	5
	2	gas	180	Idco 150	180	3.5
Wes-Mor Drlg	2	dsl		MC U34		6
	6	g-b		MC U34		4.5
ECTOR						
Cactus Drlg	54	dsl	600	Beth S55	454	6
	66	dsl	500	S/B N4	454	6
	68	dsl	500	Idco H30	454	6
D & R Drlg	2	sl	2000	Emsco EDA	1700	20
D B Drlg	7	dsl	1235	Nat 50A	850	11.5
Drilltech Inc	1	dsl	1000	G-D 500M	850	10
	2	dsl	1000	G-D 500M	850	10
Johnn Drlg	4	dsl	700	MC U15	700	8.5
Kenai Drlg	10	dsl	385	Emsco GA250T	400	6
	16	dsl	700	Emsco GA500	780	11
	17	dsl	800	S/B N4	580	7
	19	dsl	825	Emsco GA500	800	11
	32	dsl	1200	Emsco GA500	800	11
M G F Drlg-Midland	1	dsl	750	Beth M58	750	12.5
	2	dsl	800	MC U15	800	10
Moran Bros	4	sl	1500	Emsco A800E	1000	15
	72	sl	1300	Nat 110UE	1500	20
Santa Fe Drlg	SFW-10	d-e	2000	Emsco Electrohoist H11	1800	24
	SFW-3	d-e	2900	Emsco A1500E	2000	30
	SFW-4	d-e	2600	Emsco C3111	3000	30
	SFW-6	d-e	2300	Emsco C3111	3000	30
	SFW-8	d-e	2600	Emsco A1500E	2000	30
	25W	d-e	1000	Nat 80UE	1000	12
	26W	d-e	1000	Nat 80UE	1000	12
Sterling Drlg	4	dsl	1075	Nat 50A	900	12
	9	dsl	1350	S/B N75	1100	14
	16	dsl	1400	S/B N75	1230	14
	17	dsl	1500	S/B N75	1230	14
	22	dsl	1520	Nat 610	1100	13
ECTOR (Cont'd)						
Tahoe Drlg	3	dsl	7000	Emsco D1	700	14
TMBR Drlg	12	dsl	700	Nat 50	600	10.5
Verna Corp	15	dsl	600	MC	600	11.5
	17	dsl	550	MC U15	650	11.5
	18	d-e	1000	Nat 132GE	2000	22
	31	dsl	1212	MC U15	800	11
	38	dsl	1212	MC U15	800	11
	40	dsl	700	MC U15	800	11
ERATH						
Lynx Drlg	1	dsl	1000	MC U15	720	10
	3	dsl	500	Idco H30	380	7
FAYETTE						
Hoxbar Drlg	802	dsl	1800	G-D 700M	1200	15
Houtech Energy Inc	801	dsl	1500	Seaco 1400M	1300	15
Nicor Drlg	73	d-m	1300	Cbot 2550TRD	1200	15
	75	d-m	1750	Cbot 2550TRD	1200	15
	79	d-m	2000	G-D 700M	700	14
Penrod Drlg	125	dsl	1000	Nat 80B	1760	15
Resource Drlg	RD-28	dsl	1040	Nat 610	1220	12
	RD18	dsl	1040	Nat 610	1220	12
Senior Drlg	40	dsl	1500	Cbot 1200	1300	13.5
Sterling Drlg	1	dsl	900	Nat 50A	900	12
	5	dsl	1230	Nat 50CA	820	11
	7	dsl	850	Nat 50A	900	12
	15	dsl	1400	S/B N75	1100	14
	16	dsl	1250	Nat 610	1100	13
Williams Drlg of South TX	1	dsl	585	Cbot 750	750	9.5/4"
FISHER						
Safari Drlg	7	dsl	480	Emsco G42	560	7
Sojourner Drlg	3	dsl		MC U15	550	7
Wes-Tex Drlg	19	dsl	600	S/B N4	600	8
FOARD						
Burns Drlg	2	dsl	900	Wils 75	780	10.5
FORT BEND						
Challenger Drlg	35	dsl	800	S/B N75	1200	12
FWA Drlg	16	dsl	1150	Wils Giant	360	7.5
Pozos Intl Drlg Serv	1086	dsl	1500	Idco BIR8005	940	11
Rio Grande Drlg	8	dsl	550	Nat 370	770	10
FRANKLIN						
Globe Drlg	5	dsl	850	Oilwell 76	1000	14
FREESTONE						
Basin Drlg	11	dsl	1470	G-D 700M	1220	14
Dual Drlg	7	dsl	2100	Nat 1320M	2000	25
FWA Drlg	20	dsl	1700	Wils Super Atlas	1040	14
	26	dsl	2000	G-D 800M	1560	14
	28	dsl	2700	G-D 1100M	1560	18
Grace France Drlg	1	dsl	1600	G-D 700	900	13
Hinton Drlg, W B	9	d-e	2600	Nat 110UE	3000	20
Moran Bros	38	sl	3200	Emsco C2 Type II	2000	25
Murco Drlg	42	d-s	2600	Oilwell E2000	2000	25
Noble Drlg	N-81	dsl	1420	Nat 80	1420	14
O'Neal Drlg	14	dsl	15000	Nat 80B	1500	15
	15	d-e	2000	G-D 800	1500	18
Rosamond Drlg	11	dsl	1425	OIME SL5	1425	15
Thunderbolt Drlg	53	dsl	1400	Wils 75	950	11
Verna Corp	28	dsl	1000	MC U16	800	10
FRIO						
Cinco Drlg	6	dsl	1015	MC U15	780	11
F & N Drlg	1	dsl	525	Kramco K800	800	8
GAINES						
BJM Drlg & Expl	1	dsl	600	MC U15	600	12
Cactus Drlg	53	dsl	850	Beth S55	670	7.5
	64	dsl	700	S/B N45	670	7.5
Cherokee Drlg & Dev	3	dsl	1150	Wils 75	900	11
GCO Drlg	9	dsl	1450	Beth 650	850	14
Hanley Drlg	219	dsl	800	S/B N46	950	12
Hondo Drlg	2	dsl	700	S/B N55	700	15
	6	dsl	700	MC U15	700	10
	9	dsl	700	S/B N45	700	10
	11	dsl	800	MC U15	800	11.5
M G F Drlg-Midland	10	dsl	900	Beth M58	900	12
Moran Bros	37	dsl	1000	Nat 610	750	12
Norton Drlg	3	dsl	475	Wils 75	850	10.5
Rod Ric	6	dsl	450	Beth S45E	450	7.5
GALVESTON						
Frio Drlg	2	dsl	800	Nat J45	800	10
Goldrus Drlg	19	dsl	1110	Cbot 750	560	10
Pozos Intl Drlg Serv	981	dsl	1890	S/B N46	940	12.5
Resource Drlg	RD-21	dsl	2330	Nat 110	2740	18
Wilson Bros Drlg	5	dsl	2600	Nat 110M	2700	20

TEXAS (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
GARZA						
D B Drlg	5	dsl	585	S/B N4	450	8
Douglas Drlg	1	dsl	700	Nat 50CA	700	10
	2	dsl	900	BDW 650M	900	12.5
Mesa Drlg	2	dsl	675	Wels W45	500	8
Robinson Drlg of Texas	3	dsl	750	MC U15	900	10
Wes-Tex Drlg	5	dsl	550	Nat 50A	700	10
GLASSCOCK						
Delta Drlg	61	dsl	1800	Idco Super 711	1640	15
Dual Drlg	35	d-e	2000	Emsco D3	1000	16
FWA Drlg	30	dsl	1100	Wils Giant	900	10
Hondo Drlg	8	dsl	800	S/B N75	800	12.5
Kenai Drlg	28	dsl	1200	S/B N7	800	12
Moran Bros	66	dsl	1300	S/B N75A	750	15
Safari Drlg	4	dsl	310	Nat T20	270	6
	5	dsl	370	Emsco GA250T	280	5
Tri-Service Drlg	3	g-b	750	Otwl 76	750	13
	4	g-b	700	Otwl 66	750	10
TMBR Drlg	18	dsl	500	MC U15CA	840	10
	19	dsl	700	Nat CA50	700	10
Wes-Tex Drlg	4	dsl	650	Emsco G500	650	1
Willbros Drlg	6	dsl	800	Emsco G500	800	12
GOLIAD						
Buzzini Drlg	9	dsl	1400	Otwl M2000	2000	20
Nicor Drlg	9	dsl	2000	OIME 1500SL	1500	18
Resource Drlg	RD5	dsl	2330	Nat 110	2740	18
Rio Grande Drlg	9	dsl	1300	Nat 110M	2400	20
GONZALES						
Cinco Drlg	1	dsl	900	MC U15	780	11
	2	dsl	890	Nat T32	850	8
	4	dsl	1005	S/B N45	780	8.5
	9	dsl	1700	Beth 650	1100	16
GRAHAM						
Jay-Lan Corp	3	dsl	3406	Wils 42	825	5/5"
GRAY						
Hudson Drlg, Leonard	7	dsl	900	Unit U15	900	11.5
GRAYSON						
Atco Drlg Southern	53	dsl	1600	Nat 610UE	800	12
Jones Drlg Corp	9	gas	816		800	14
Moran Drlg, E W	1	dsl	1600	G-D 700	800	13
	3	dsl	1300	G-D 700	800	13
	6	dsl	900	Beth S55	400	10
	17	dsl	1x25	Wils 250	2000	22
Noble Drlg	N-87	dsl	1200	Nat 80B	1200	15
Viersen & Cochran Drlg	19	dsl	1200	Nat 610	850	12.5
GREGG						
Butler-Johnson	14	d-e	2000	G-D 1100E	2000	20
Challenger Drlg	20	dsl	900	S/B N75	1000	12
Delta Drlg	69	dsl		S-H 7000	480	9
Dixon Drlg	7	dsl	1700	S/B N46	950	13
Henley Drlg	6	dsl	2000	Emsco D3	1850	15
	9	dsl	4000	Emsco C2	2000	25
Lester Drlg, Dan	9	dsl	1500	Otwl 760	1500	16
GRIMES						
Moran Bros	175	el		MC 1220EB		25
Spartan Drlg	4	d-e	600	Sup 700E	700	10
GUADALUPE						
Nixon Drlg	3	dsl	300	Crdw	300	4
HALE						
D B Drlg	3	dsl	505	S/B N4	450	8
HANSFORD						
Baker & Taylor Drlg	9	dsl	870	MC U15	870	11
Sage Drlg	7	dsl	350	BDW 450	500	9
Service Drlg	4	dsl	500	MC U15	800	9.2
HARDEMAN						
Bearden Drlg	8	dsl	1200	Wils 75	900	9.5
Bennett Prod Corp	2	dsl	900	MC U15	900	13
	3	dsl	900	MC U15	900	13
	4	dsl	900	Permian 1000	900	13

L.D. BURNS DRILLING COMPANY
One Parker Square, Suite 500
(817) 723-0512
Wichita Falls, Texas 76308

Burns Drlg	6	dsl	1360	MC U36A	780	14
	7	dsl	1020	Unit U15	744	10

TEXAS (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
HARDEMAN (Cont'd)						
Dual Drlg	5	dsl	1200	Wils Mogul	600	9.5
Lee Drlg	1	dsl	1100	BDW 450T	500	9
	2	dsl	850	BDW 450T	550	9
	3	dsl	1100	BDW 450T	700	9
Marcury Drlg	4	dsl	1500	MC U15	950	12
Moran Drlg, E W	19	dsl	1400	Wils 75	900	11
	23	dsl	1400	Wils 75	900	11
Schlensker Drlg	2	gas	700	Beth MC450	900	12
	7	dsl	800	Unit U15	950	9.5
Theiss Drlg	1	dsl	1450	S/B N46	1020	12
	2	dsl	1450	Emsco U15	1020	12
HARDIN						
Frio Drlg	1	dsl	800	Emsco 350	550	9.5
Goldrus Drlg	18	dsl	1700	1000 Cbot	872	14
Richards Drlg Co	8	dsl	2500	Otwl 880	2400	18
HARRIS						
Challenger Drlg	29	dsl	720	Nat T45	860	9.5
	37	dsl	2400	Idco 2500	2400	28
Hanlng & Young Drlg	201	d-e	2600	S/B NE95	1700	19
	202	d-e	2600	S/B NE95	1700	19
Penrod Drlg	134	dsl	3200	Nat 1625DE	2000	30
Rainbow Drlg	6	dsl	1600	Cbot 900	900	11
Wilson Bros Drlg	18	dsl	1300	Nat 110	3300	20
HARRISON						
Globe Drlg	6	dsl	700	Emsco C50	700	10
Lester Drlg, Dan	8	dsl	1850	Otwl 760	1500	16
Lohmann Drlg	17	gas	800	MC U15 SN356	800	10
Sawyer Drlg & Serv	11	dsl	600	Wils Giant	400	9
Schlensker Drlg	6	dsl	950	MC U15	950	10
HARTLEY						
Service Drlg	9	dsl	1000	MC 800	800	10
HASKELL						
Bearden Drlg	1	dsl	1200	Wils Mogul Super 42	750	9
Hack Drlg	3	dsl	350	Beth S45E	350	7
Sojourner Drlg	2	dsl		MC U15	550	7
HEMPHILL						
Baker & Taylor Drlg	8	dsl	870	MC U15	870	11
Bonray Drlg	21	dsl	900	Idco H750	660	12
Helmerich & Payne	54	dsl	1100	Otwl 76	1210	16
	85	d-e	1700	Otwl 760E	760	16
Moran Bros	68	el	3200	Emsco C2	2000	25
Moran Drlg, E W	13	dsl	1450	G-D 700	800	13
Service Drlg	12	dsl	1000	Emsco D2	800	12
Triad Drlg	6	dsl		S/B N95A	1650	20
Unit Drlg & Expl	14	dsl	1000	G-D 700	1300	16
Zenith Drlg	5	dsl	1200	BDW 800	800	16
	9	dsl	1200	G-D 800	1200	16.5
HENDERSON						
Delta Drlg	90	d-e	2000	Emsco D3 Type II	2592	16
Hinton Drlg, W B	7	dsl	1600	Nat 80B	1650	15
Maxwell Herring Drlg	3	dsl	1350	G-D 800	1350	13.5
	21	dsl	1709	S/G N75A	1059	13
Murco Drlg	38	d-e	1700	Otwl 660E	700	12
HIDALGO						
Atco Drlg Southern	18	d-e	2000	Nat 80UE	1000	15
Blocker Drlg	17	dsl	825	S-H	530	7
Butler-Johnson	9	dsl	1200	G-D 700	1200	12
Delta Drlg	88	d-e	2600	Emsco C1 Type II	3456	18
Dixilyn-Field Drlg	23	dsl	2800	Otwl 860	2331	18
	24	dsl	2800	Otwl 860	2331	18
Harkins & Co	5	dsl	1200	Cbot 750	650	9.5/4"
	7	dsl	1650	Nat 110	1650	16/5"
	11	dsl	1260	S/B N75	1260	12.5
Magee-Poole Drlg	1	dsl	1500	Cbot 900	950	11/4"
	5	dsl	1500	Cbot 900	950	11/4"
Resource Drlg	RD-24	dsl	2330	Nat 110	2740	18
	RD16	dsl	1560	Nat 80B	1835	14
	RD8	dsl	2330	Nat 110	2740	18
Willis Drlg	1	dsl	750	Emsco 450	1000	12
	2	dsl	750	Emsco 450	1000	12
	4	dsl	1000	S/B N85	1200	15
HILDAGO						
Williams Drlg of South TX	3	dsl	800	Idco BIR8085	950	11.5/4"
HOCKLEY						
D & R Drlg	1	st	1800	Nat 3410FE	1800	17
Norton Drlg	1	dsl	450	Wils 65P	850	10

TEXAS (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
HOCKLEY (Cont'd)						
Rod Ric	11	dsl	450	Nat T20	440	7
Sharp Drlg	47	dsl	790	Beth M58	988	13.5
Sitton Drlg	1	dsl	450	Wils 600	525	8.5
	5	dsl	450	Wils 75P	900	11.5
	6	dsl	650	Wils 75P	900	10
	8	dsl	650	Wils 75P	900	10
Tri-Service Drlg	8	g-b	750	Otwl 76	750	13
Verna Corp	1	dsl	800	S/B N55	800	12.5
	3	dsl	500	S/B N45	500	8.5
	4	dsl	500	S/B N4	500	8.5
	5	dsl	500	Wils Mogul	500	8.5
	6	dsl	550	S/B N55	800	12
	7	dsl	700	MC U15 Type	800	11
	8	dsl	500	Idco H40	500	8.5
	9	dsl	600	Idco H40	500	8.5
	33	dsl	550	MC U15	800	9
	36	dsl	550	MC U15	550	11
	39	dsl	800	MC U15	550	11
Willbros Drlg	7	dsl	1400	Emsco A800	1400	18
HOUSTON						

SPARTAN
DRILLING
(713) 955-0625 (409) 775-7071
(303) 293-8066 (406) 482-6470
(403) 262-7778

Forex Neptune and/or Affil	46	d-e	3200	G-D 1500E	2000	21.7
Helmerich & Payne	87	d-e	800	Nat 1625ME	3000	30
Henley Drlg	7	dsl	4000	Emsco C2	2000	25
Nicklos Drlg	70	d-e	1700	Otwl 760E	2000	15
Nowotny & Conley Drlg	7	dsl	1600	Nat 610	1000	12.5
Parker Drlg	129-HH/17	dsl	1500	OIME TBA2000	2000	20
	133-HH/21	dsl	1500	OIME TBA2000	2000	20
Rosamond Drlg	9	dsl	2300	G-D 700	1230	14
Sloan Drlg	22	dsl	440	Mac 300	450	7
HOWARD						
GCO Drlg	6	dsl	820	BDW 650M	650	9
Riley Drlg	3	dsl	300	MC U34	225	4
TMBR Drlg	6	dsl	700	Nat 75CA	750	12
Wes-Tex Drlg	16	dsl	335	S/B N4	500	8
HUTCHINSON						
Cheyenne Drlg	5	dsl	400	Nat T-20	450	6
Diatom Drlg	2	dsl	630	I-R 600	850	10
Service Drlg	1	dsl	300	MC U34	300	4.5
	14	dsl	400	PR-1000	800	9
IRION						
D B Drlg	11	dsl	720	Nat T32	575	8.5
FWA Drlg	12	dsl	910	Wils Giant	900	10
	14	dsl	900	Wils Mogul 42	600	7.5
GCO Drlg	8	dsl	1000	Nat 370	650	10.4
Transcontinental Drlg-San Angelo	34	dsl	674	Beth S55	650	8
Tucker Drlg	2	dsl	750	Emsco GB500	750	10
	6	dsl	750	S/B N75	750	12
	12	dsl	750	Nat 50A	750	10
Wes-Tex Drlg	2	dsl	650	Beth S45E	650	10
JACK						
Burns Drlg	9	dsl	550	Hoop GTXXA	425	6.5/4"
Megargel Drlg	2	dsl	750	MC U15	750	7
JACKSON						
Delta Drlg	63	d-e	2600	Emsco C1 Type II	2592	18
M N D Drlg-Southern	14	d-e	1820	MC U712	1200	16
Padre Drlg	6	dsl	500	S/B H4210	400	7.5
PRC Drlg	8	dsl	2331	S/B N95A	2331	18
	9	dsl	1790	RMI 4610	1040	14
	10	dsl	1084	Coop LTO700	550	16
Southland Drlg	4	dsl	1450	S/B N7		10
JEFFERSON						

KELLEY ONSHORE DRILLING CO.

Big Chief Drlg	11	dsl	1350	S/B N75	1350	13
	22	gas	1600	Nat 80B	1600	14
	25	dsl	3000	Nat 110	2000	20
	35	gas	2610	Nat 110	2610	20
	44	dsl	2400	S/B N95	2400	20

TEXAS (Cont'd)

• Contractor	Type Power • Rig No. •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	4½" - in. Pipe, Rated Depth With 1000 ft. •
JEFFERSON (Cont'd)					
Drillers	5 dsl	900	MC U15M	1200	11
	15 dsl	1000	Oiwl 66	800	12
	30 dsl	800	Unit U15M	1000	11
	39 d-e	1200	Idco 700E	1000	14
Eljay Drlg	1 d-e	2800	Oiwl E2000	2000	25
Goldrus Drlg	4 dsl	1200	S/B N75	1040	14
Moran Bros	172 dsl		Nat 110M		15
Nicklos Drlg	74 d-e	2800	Oiwl E2000	2000	25
Pozos Intl Drlg Serv	81 dsl	1890	S/B N46	940	12.5
Rosamond Drlg	8 dsl	2475	Nat 130	2475	20
JIM HOGG					
Atco Drlg Southern	57 d-e	1600	Nat 610UE	800	12
Challenger Drlg	46 dsl	900	Idco 750	900	10
Cinco Drlg	12 d-e	3000	Nat 1320UE	2400	24
Delta Drlg	95 d-e	2900	Emsco CI Type II	3456	20
Penrod Drlg	124 dsl	1600	Nat 1625M	3000	30
JIM WELLS					
Alanco Drlg	1 dsl	800	Idco H40	500	8.5
Blocker Drlg	2 dsl	1130	Cbot 750	650	9.5
	3 dsl	1820	Cbot Expl III	950	12
	4 dsl	1800	Nat 55	1500	12
	14 dsl	2500	Nat 110	2730	20
	15 dsl	1265	Cbot 900	950	10
Dixilyn-Field Drlg	2 dsl	1600	S/B N7.5	1040	12
	9 dsl	2650	Nat 130	2331	20
	10 dsl	1295	Nat 55	1040	12
	12 dsl	2600	Nat 110M	2331	18
Harkins & Co	12 dsl	1050	Cbot 750	650	9.5/ 4"
Magee-Poole Drlg	6 dsl	2000	OIME SL7	1300	16.8
	14 dsl	1475	Cbot Explorer III	700	9/4"
	15 dsl	1475	Cbot Expl III	700	9/4"
Murlynson Drlg	10 dsl	1000	MC U15	600	10
Murphy Drlg, Pete	1 dsl	800	Crdw C Horse	300	6
Pearl Expl	2 dsl	800	Wils 65	600	8.5
JONES					
Bandera Drlg	2 dsl	470	MC U34	360	6.5
Dixon Drlg	8 dsl	900	S/B N42	650	8
	10 dsl	900	S/B N46	950	10
	11 dsl	700	Nat T20	450	7.5
KARNES					
Strike Drlg	1 dsl	1350	MC U914C	1820	22
KAUFMAN					
Cape Drlg	6 dsl	1500	MIDWAY 750D	800	13.5
Gibson Drlg	2 dsl	526	Wils Mogul 65	398	5
KENEDY					
Cinco Drlg	14 d-e	2400	OIME SD5	1500	14
Southland Drlg	7 dsl	1450	S/B N55		10
Willis Drlg	7 dsl	1350	S/B N95	2400	20
	8 dsl	1000	BDW 800	1000	12
KENT					
Verna Corp	10 dsl	700	MC U36A	1200	12
KERN					
Frio Drlg	3 dsl	900	S/B N55	900	10.5
KING					
Bandera Drlg	4 dsl	925	BDW 450T	540	8.5
Mesa Drlg	1 dsl	725	TSM 6000	450	7.5
Nixon Drlg	4 dsl	300	Stuart	300	4
Texzona Drlg	1 dsl	475	MC U34B	450	6.5
Wes-Mor Drlg	1 dsl		MC U15		8
	4 dsl	400	MC U15		7.5
	5 g-b	485	MC U15	290	7.5
KLEBERG					
Harkins & Co	14 dsl	1150	Cbot 900	900	11/ 4"
Magee-Poole Drlg	4 dsl	1500	Cbot 900	950	11/ 4"
Willis Drlg	5 dsl	7500	S/B N75	1000	12
LA SALLE					
Atco Drlg Southern	61 d-e	2600	Emsco IIC	2000	20
Bearden Drlg	3 dsl	1280	Wils Mogul Super 42	750	9.5
LAVACA					
B D K Drlg	10 dsl	1000	S/B N46	900	10
Harkins & Co	10 dsl	1620	Emsco B1013	1620	16
Howell Drlg	1 dsl	1000	Cbot 900	900	11
	2 dsl	1550	Cbot 1200	1130	15
Magee-Poole Drlg	2 dsl	1500	OIME 750SL	1155	14
Spartan Drlg	17E d-e	1000	Oiwl 760E	1000	16
	18UE d-e	800	Sup 700E	700	12
LEE					
Challenger Drlg	34 dsl	1200	S/B N75	1500	12
	48 dsl	1000	Unit U36	1000	13
M G F Drlg-Houston	8 dsl	600	S/B N55	550	10.5
M G F Drlg-Midland	8 dsl	800	MC Rig U15	800	10
Resource Drlg	RD-20 dsl	1040	Nat 610	1220	12
	RD19 dsl	1040	Nat 610	1220	12
Spartan Drlg	15E d-e	600	Sup 700E	700	12
Sterling Drlg	10 dsl	1400	S/B N75	1100	13
LEON					
Big 6 Drlg	8 d-e	1600	Nat 610	900	12
Grace France Drlg	7 dsl	1300	G-D 500	800	11
Hinton Drlg, W B	11 d-e	2600	Nat 1320UE	3000	25
Thunderbolt Drlg	50 dsl	1750	Cbot 1200	1300	13.5
LIBERTY					
Aguila Drlg	11 mch	250	Trailer Mounted		8
Big 6 Drlg	6 dsl	800	Cbot	950	12
Challenger Drlg	36 dsl	650	Nat G45	700	9.5
Cliffs Drlg	31 dsl	2600	Nat 110	2475	20
Loffland Bros	118 d-e	3300	MC U1220EBD	3300	25
Moran Bros	171 dsl		MC U712		15
Richards Drlg Co	2 dsl	1500	S/B N75	1200	12.5
Wilson Bros Drlg	12 dsl	1850	Nat 110	1850	16
LIMESTONE					
Butler-Johnson	2 dsl	1600	S/B N85	1900	15
Grace France Drlg	4 dsl	1300	G-D 500	800	11
M N D Drlg-Southern	2 dsl	1794	S/B N75	1024	14
LIPSCOMB					
Hudson Drlg, Leonard	1 dsl	900	MC U15	900	11.5
	5 dsl	900	S/B N7	900	11.5
Mercury Drlg	11 dsl	1500	Emsco U15	950	9
Sage Drlg	8 dsl	500	BDW 650	500	12.5
Service Drlg	5 dsl	1000	MC U15	800	10
Slawson Drlg	6 dsl	360	Idco H525	480	8.5
Triad Drlg	14 dsl	1150	U-15	800	10
Unit Drlg & Expl	1 dsl	500	MC U15	800	11
	7 dsl	500	MC U15	800	11
LIVE OAK					
Atco Drlg Southern	59 d-e	2600	Emsco 11C	2000	18
Blocker Drlg	8 dsl	1820	Cbot Expl III	1400	14
Frio Drlg	5 d-e	1000	Idco ED1200	1200	16
FWA Drlg	25 dsl	2000	Wils 120	1560	16
Loffland Bros	104 d-e	3300	Emsco 3000	3300	35
Magee-Poole Drlg	9 dsl	2350	Cbot	1500	16

NICOR Drilling Company
(918) 587-5507

Nicor Drlg	51 d-m	1600	Idco H900M	1000	15
LOVING					
Cactus Drlg	2 dsl	2200	Nat 110 M	2550	20
	30 dsl	2000	Nat 110	1650	20
Cliffs Drlg	27 dsl	2600	Nat 1320	2475	25
Loffland Bros	112 d-e	3300	MC U1220EB	2200	25
Parker Drlg	39 gas	1600	OIME Hercules 2500M	1600	23
	184 d-e	3000	OIME E3000	3000	30
Rowan Drlg	8 dsl	2600	MC U1220S	2400	25
Santa Fe Drlg	SFW-16 d-e	1300	Emsco C11	2000	25
Sharp Drlg	43 dsl	2331	Oiwl M2000	2742	30
	60 d-e	3108	Emsco C3 Type II	3656	30
	66 d-e	2331	MC U1220EB	2742	30
Sterling Drlg	3 dsl	800	Nat 370	770	9
LUBBOCK					
D B Drlg	1 dsl	550	S/B N4	450	80
	23 dsl	125	Unit U15	800	10
	24 dsl	800	Beth S45E	575	8.5
Norton Drlg	4 dsl	550	Wils 75	850	10.5
TMBR Drlg	22 dsl	700	S/B N75	750	14
LYNN					
Norton Drlg	11 dsl	550	Wils 75	900	12
MADISON					
M N D Drlg-Southern	6 dsl	1540	G-D 500	770	10.5
Nicklos Drlg	69 d-e	1500	Oiwl 660E	1000	12.5
Pozos Intl Drlg Serv	80 dsl	1890	S/B N46	940	12.5
MARION					
Nowotny & Conley Drlg	4 dsl	1600	Nat 610	1000	12.5
Sawyer Drlg & Serv	2 dsl	400	S/B N4	400	8.5
MARTIN					
Cactus Drlg	9 dsl	900	S/B N75	1200	13
	25 dsl	1450	Idco L711	110	12
FWA Drlg	11 dsl	1065	Wils Giant	900	11
Hurt & Assoc, Clint	10 dsl	1200	Wils 75	900	11
	11 dsl	1200	Wils 75	900	11
Moran Drlg, E W	7 dsl	1600	G-D 700	800	13
Resource Drlg	RD-23 dsl	1040	Nat 610	1220	12
	RD-25 dsl	1560	Nat 80B	1835	14
Robinson Drlg of Texas	6 dsl	950	S/B N75	1350	12.5
Tahoe Drlg	2 dsl	500	Emsco D2	500	11.2
TMBR Drlg	4 dsl	840	Nat 50CA	900	10.5
	24 dsl	1100	G-D 700	1100	14
Wes-Tex Drlg	20 dsl	600	Nat 50CA	900	10
MATAGORDA					
Cliffs Drlg	42 d-e	2600	Nat 1320UE	3025	25
Delta Drlg	101 d-s	2600	Emsco C1 Type II	2730	20
Nicor Drlg	48 d-e	2700	MC U1220EB	2000	25
Padre Drlg	8 dsl	700	S/B H14610	750	10
Resource Drlg	RD14 dsl	2330	Nat 110	2740	18
	RD4 dsl	1560	Nat 80B	1835	14
Richards Drlg Assocs	11 dsl	2500	Oiwl 860	2400	18
MC MULLEN					
B D K Drlg	9 dsl	1480	S/B N75	1000	12
Buzzini Drlg	11 dsl	1700	Oiwl E3000	3000	30
Dixilyn-Field Drlg	25 d-e	1600	Nat 80UE	2000	15
Harkins & Co	3 dsl	1260	S/B N75A	1260	12.5
Helmerich & Payne	37 dsl	2835	Oiwl M2000	2835	22
Magee-Poole Drlg	8 dsl	1500	Cbot 900	950	11/ 4"
Moran Bros	173 el		MC U914EC		20
PRC Drlg	3 dsl	2237	S/B N46	1480	11.5
Santa Fe Drlg	SFW-14 d-e	3200	Emsco C3111	3000	30
MIDLAND					
Britton Inds Drlg	1 dsl	1000	Oiwl 76	800	15
	2 dsl	1000	Nat 50CA	1000	12
	4 dsl	1000	Nat 50CA	1000	13
Cactus Drlg	1 dsl	2000	Nat 110M	1650	20
	4 dsl	950	Nat 55M	1100	13
	7 dsl	1480	Oiwl 76	1650	14
	11 dsl	850	Emsco G350	1050	8.5
	15 dsl	1050	Beth 650	1200	15
	31 dsl	2000	Nat 1320	2550	25
	32 dsl	2000	Nat 1320	2550	25
	34 dsl	700	Nat 75	1200	12
	59 dsl	550	S/B N4	454	6
	65 dsl	550	S/B N4	454	6
Cherokee Drlg & Dev	6 dsl		BDW 450	670	7
	7 dsl	1500	BDW 650	1050	12
Drillers	24 dsl	900	S/B N55	900	12
FWA Drlg	2 dsl	1100	Wils Super Giant	1040	13
	9 dsl	1150	Wils Giant	720	11.5
	21 dsl	1000	Wils Mogul 42	720	10
Grace/T R G Drlg	301 dsl	1000	Wils 75	900	12
Holliday Drlg	1 dsl	1200	G-D 700	1200	13
	2 dsl	1000	Oiwl 76	1000	13
M G F Drlg-Midland	23 dsl	1150	Oiwl 76	1150	13.5
	25 dsl	1725	S/B N95	1725	19
	201 dsl	1600	Nat 1320UE	2000	30
	202 dsl	1600	Nat 1320 UE	2000	30
	203 dsl	1300	Nat 110UE	2000	20
Robinson Drlg of Texas	2 dsl	750	MC U15	900	10
Sharp Drlg	62 dsl	1132	Emsco D3	1272	14
Tri-Service Drlg	5 g-b	1800	Oiwl 760	1400	16
TMBR Drlg	16 dsl	700	Nat 50CA	600	10.5
	23 dsl	1100	Nat 75CA	1100	14
	28				
Wilson Bros Drlg	8 dsl	1750	Nat 110	1750	18
MITCHELL					
GCO Drlg	2 dsl	640	BDW 450	450	8
Moran Bros	54 dsl	970	Nat T20	300	6
Riley Drlg	4 dsl	300	Cbot	300	4.5
MONTAGUE					

L.D. BURNS DRILLING COMPANY
One Parker Square, Suite 500
(817) 723-0512
Wichita Falls, Texas 76308

Burns Drlg	4 dsl	882	Wils 75	780	12/ 4"

TEXAS (Cont'd)

Contractor	Type Power / Rig No.	Total HP All Main Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
MONTAGUE (Cont'd)					
Originala Drlg	2 dsl	440	Wils Giant	400	7
Schlensker Drlg	4 gas	700	MC U15	800	10
Schlensker Drlg	14 d-e		MC U122	2500	25
MONTGOMERY					
Delta Drlg	80 dsl	1300	S-H 7000	480	9
M N D Drlg-Southern	3 dsl	1794	S/B N75	1024	12.5
	7 dsl	1540	BDW 800	770	10
	9 dsl	1540	G-D 500	770	10.5
	10 d-e	1820	S/B N95	1820	20
	15 d-e	2000	MC U712	1200	16
Nixon Drlg	2 dsl	300	Crdw	300	4
Pozos Intl Drlg Serv	581 dsl	3000	S/B N12A	2650	25
Resource Drlg	RD15 dsl	1560	Nat 80B	1835	14
Southland Drlg	6 dsl	1100	Cbot		8.5
MOORE					
Baker & Taylor Drlg	18 dsl	700	Emsco GB250T	485	6
Distom Drlg	1 dsl	45k	I-R 550	574	7.5
Service Drlg	7 dsl	300	Bein S45	300	5.5
NACOGDOCHES					
Exeter Drlg Southern	57 dsl	1500	Emsco D3	1500	16
Rainbow Drlg	3 dsl	1600	Cbot 900	900	11
Rosamond Drlg	6 dsl	1275	Emsco A550	1275	12.5
Schlensker Drlg	9 dsl	1500	OIME 1500SL	2205	18
Southland Drlg	2 dsl	1750	S/B N75A		12
Wheless Drlg	4 dsl	1800	Emsco J1100	1800	16
NAVARRO					
Spartan Drlg	12 d-e	580	Sup 700E	700	10
NOLAN					
Wes-Tex Drlg	14 dsl	335	S/B N4	500	8
NUECES					
Cothrum Drlg	1 dsl	774	Emsco 350	636	9.5
Willis Drlg	3 dsl	750	S/B N75	1000	12
OCHILTREE					
Baker & Taylor Drlg	12 dsl	870	MC U15	870	11
Hudson Drlg, Leonard	3 dsl	900	MC U15	900	11.5
	4 dsl	900	MC U15	900	11.5
	6 dsl	550	S/B N7	900	12
Jones Drlg Co, Loyd	88 dsl	1200	Cbot 750	750	10
Lanex Drlg	C-8 d-e	1800	BDW 650	650	12
Mercury Drlg	2 dsl	1500	MC U15	850	12
Moran Drlg, E W	24 dsl	1200	S-H 7000	400	9.5
Sage Drlg	3 dsl	350	Idco H40	500	8
Service Drlg	13 dsl	400	MC U150B	800	12
Unit Drlg & Expl	19				
Zenith Drlg	3 dsl	1000	S/B N7A	600	12.5
OLDHAM					
Baker & Taylor Drlg	1 dsl	870	MC U15	870	10
ORANGE					
Delta Drlg	31 dsl	2300	Emsco C1 Type III	2592	20
Dixilyn-Field Drlg	11 dsl	2600	Nat 110M	2331	18
PALO PINTO					
Megargel Drlg	16 dsl	500	Shaf S6000	500	8
PANOLA					
Butler-Johnson	3 g-b	1200	Emsco A550	1200	13.5
	7 dsl	1100	Nat 55	1100	120
Nowotny & Conley Drlg	3 dsl	1750	S/B N46	1000	12.5
Rosamond Drlg	5 dsl	1275	Beth MC450	1275	12.5
	12 dsl	850	S/B N46	850	10
PARKER					
Wes-Mor Drlg	7 dsl	680	MC U34	680	7.5
PECOS					
Cherokee Drlg & Dev	2 dsl	1150	Wils 75	900	11
	4 gas	1150	Wils 75	900	11
Delta Drlg	36 dsl	2800	Emsco C2 Type III	2331	23
Dual Drlg	19 dsl	2100	Olwl 760	1000	16
Grace/T R G Drlg	22 dsl	1290	Nat 80B	1305	16
Hensley Drlg	8 dsl	2000	Emsco D3	1850	15
Kenai Drlg	18 dsl	410	Idco H35	450	6.5
Loffland Bros	77 dsl	1450	Nat 100	1575	15
Parker Drlg	16 gas	1000	Olwl 76	1000	16
	74 gas	1400	Nat 100M	1400	22.5
	87 gas	1800	Idco E2000	1800	25
	88 d-e	2700	Nat 130	3000	30
	121 d-e	2700	Idco E3000	3000	30

TEXAS (Cont'd)

Contractor	Type Power / Rig No.	Total HP All Main Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
PECOS (Cont'd)					
Penrod Drlg	114 dsl	1600	Nat 1625M	3000	30
	121 dsl	1600	Nat	3000	30
Quarles Drlg	6 dsl	2000	S/B N95	2200	22
Resource Drlg	RD2 dsl	1580	Nat 80B	1635	14
Sharp Drlg	32 dsl	1185	Emsco 800	1482	16.5
	34 dsl	2331	Beth 1013	2742	30
	64 dsl	1560	Olwl 760	1836	18
	67 dsl	2331	MC U914C	2742	23.5
	73 d-e	4250	Emsco C3	4640	30
Wes-Tex Drlg	7 dsl	335	S/B N4	450	8
POLK					
Cliffs Drlg	28 dsl	2600	Nat 1320	2475	25
	32 dsl	2600	Nat 110	2475	20
	41 dsl	2600	Nat 1320	2475	25
Delta Drlg	6 dsl	2600	Emsco C1 Type III	2592	22
POTTER					
Baker & Taylor Drlg	11 dsl	1140	Emsco GCA500	1140	12
Service Drlg	6 dsl	300	MC U34	300	4.5
	11 dsl	400	MC U34	400	5
RAINS					
Delta Drlg	44 dsl	2000	S/B N95	1560	16
REAGAN					
Big Chief Drlg	9 dsl	1200	Idco H35S	700	10
	24 gas	1200	MC U15	900	11
BJM Drlg & Expl	3 dsl	1200	Nat 150AC	1000	12
	5 dsl	600	MC U15	600	12
D B Drlg	8 dsl	1025	Beth S55	800	10
	14 dsl	1210	Nat 50A	850	11.5
Dual Drlg	30 dsl	1250	Olwl 500	600	9
FWA Drlg	1 dsl	1300	Wils Giant	900	11
	4 dsl	1365	Wils Giant	900	11
	8 dsl	1365	Wils Giant	900	11
	17 dsl	1400	Wils Giant	900	11
Penrod Drlg	101 dsl	1884	S/B N48	1060	19
	102 dsl	1600	Nat 610M	964	16
Tahoe Drlg	1 dsl	550	Nat 50	550	11.2
Transcontinental Drlg-San Angelo	30 dsl	750	S/B N55	750	10
	33 dsl	890	Unit U15	650	8.5
Wes-Tex Drlg	12 dsl	335	S/B N4	500	8
RED RIVER					
Delta Drlg	15 dsl	1800	Emsco D3 Type III	1040	13.5
	74 dsl	1000	S-H 7000	480	9
REEVES					
Cactus Drlg	58 dsl	600	Idco H35	670	8.5
Henley Drlg	2 dsl	4000	Emsco C2	2000	25
Kenai Drlg	13 dsl	800	Emsco GA250T	400	6.5
	20 dsl	800	Emsco GB250T	400	6.5
Sharp Drlg	58 dsl	2331	Beth MC950	2742	23
	72 d-e	2180	Olwl 840E	2430	22
Willbros Drlg	9 d-e	3000	Idco E1700	3000	25
Wilson Bros Drlg	20 dsl	800	Nat 80B	1425	16
REFUGIO					
Big 6 Drlg	3 dsl	750	Cbot	600	11
J & C Drlg	9 dsl	1050	Wils 600	630	9
San Patricio Corp	7 dsl	1000	S/B RR800	400	8
ROBERTS					
Bravo Drlg	3 dsl	870	BDW 900	870	14
Hudson Drlg, Leonard	2 dsl	900	MC U15	900	11.5
ROBERTSON					
Hinton Drlg, W B	6 dsl	1600	Nat 80B	1850	15
Loffland Bros	322 dsl	1800	G-D 800	2100	16
M N D Drlg-Southern	4 dsl	1540	G-D 1100	1540	18
Maxwell Herring Drlg	19 dsl	2475	G-D 1100	2475	20
Moran Bros	33 el	2380	Nat 110UE	1500	20
Schlensker Drlg	21 d-e	1300	G-D 1100E	1500	20
RUNNELS					
Hack Drlg	2 dsl	350	S/B N4	350	7
Lange Drlg, LeRoy	1 dsl	225	Jaswell	525	3.5
Morrison Drlg & Prod	101 dsl	72.5	Nat T20	475	6
Safari Drlg	2 dsl	370	Crdw L350	370	7
Sojourner Drlg	1 dsl		MC U15	550	7
RUSK					
Gibson Drlg	9 dsl	1030	Wils Mogul 75P	700	9
	11 dsl	1290	Emsco D2	1200	12
Globe Drlg	3 dsl	800	MC U15	800	12
	7 dsl	3000	G-D 1100	1500	20
	8 d-e	3000	G-D GD1000	1500	20

TEXAS (Cont'd)

Contractor	Type Power / Rig No.	Total HP All Main Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
RUSK (Cont'd)					
Loffland Bros	203 dsl	1140	MC U15	1000	10
Maxwell Herring Drlg	15 dsl	1475	S-H 7080	510	10
Woolf & Magee	2 dsl	1560	G-D 700	1000	13.5
SABINE					
Challenger Drlg	47 dsl	700	G-D 500	800	8
SAN PATRICIO					
Blocker Drlg	9 dsl	1115	Idco H1000	950	10
M N D Drlg-Southern	12 d-e	1820	MC U712	1200	16
Moran Bros	39 el	2600	Emsco C1 Type II	1560	20
SCHLEICHER					
Tucker Drlg	10 dsl	750	S/B N45	750	7.5
TMBR Drlg	15 gas	700	MC U15	500	10.5
Wes-Tex Drlg	6 dsl	650	Beth S60	700	10
SCURRY					
D B Drlg	2 dsl	910	Nat T32	450	8.5
McCutchen Drlg	3 dsl	820	Wils Atlas Roadrr	830	10.5
	4 dsl	820	Wils 90	820	12
Riley Drlg	2 dsl	300	Nat	300	4.5
Wes-Tex Drlg	21 dsl	350	MC U34	450	7
SHACKELFORD					
Bandera Drlg	5 dsl	850	MAC 300	475	7.5
	7 dsl	750	MAC 300	400	7.5
Bearden Drlg	5 dsl	1200	Wils 75	900	9.5
Jones Drlg Co	51 dsl	425	S/B N4	425	6
Sojourner Drlg	5 dsl	250	MC U15	550	7
SHELBY					
Gibson Drlg	12 dsl	900	Emsco D2	900	12
SHERMAN					
H30 Drlg	8 dsl	600	Idco H40	620	10
SMITH					
Delta Drlg	5 dsl	2000	Nat 100	1560	16
	22 dsl	1800	Emsco D3 Type III	1560	14
	40 dsl	1900	Emsco D2 Type III	784	11
	54 dsl	2000	Nat 80B	1560	14
	64 dsl	1900	Emsco D2 Type III	784	11
FWA Drlg	33 dsl	1750	G-D 700M	1040	12
Gibson Drlg	3 dsl	820	Wils Mogul 42	666	6.5
	10 dsl	1200	Emsco D2	1200	12
Henley Drlg	1 dsl	2000	OIME SL1000	1500	14
Hinton Drlg, W B	8 dsl	1300	S-H 7000	400	10

Contractor	Type Power / Rig No.	Total HP All Main Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
Kelley Onshore Drlg	11 d-e	1700	Olwl 750	750	12
Maxwell Herring Drlg	2 dsl	2400	Beth M810	2400	14.4
	12 dsl	1500	Wils 150A	2500	15
	18 dsl	2700	G-D 1100	2700	20
Noble Drlg	N-58 dsl	800	Nat 55	800	12
	N-812 dsl	1420	Nat 80B	1420	15
Penrod Drlg	18 dsl	2250	Nat 1625M6	2250	10
Rosamond Drlg	10 e-g	560	Olwl 500	600	10
Schlensker Drlg	3 dsl	700	Olwl 760	1500	14
Verna Corp	21 dsl	550	MC	600	10
	22 dsl	550	MC U15	800	10
	23 dsl	550	MC U15	800	10
	24 dsl	550	MC U15	600	10
	25 dsl	1000	MC U15	900	10
	27 dsl	1000	MC U15	800	10
	29 dsl	1000	MC U15	800	10
	30 dsl	550	MC U15	800	10
	32 dsl	1212	Verna U15	900	11
	35 dsl	1000	Idco 711SJ	1200	14
	37 dsl	1212	MC U15	550	11
STARR					
Alamo Drlg	3 dsl	1425	Idco H1000	975	11
Bawden Int'l	7 dsl	1200	Nat 55	700	11.5
Harkins & Co	1 dsl	1800	Emsco C Type III	1800	18/5"
	2 dsl	1500	S/B N95	1500	14
	4 dsl	1260	S/B N75A	1260	12.5
San Patricio Corp	5 dsl	1000	Shaf 800	600	9
Wilson Bros Drlg	15 dsl	2800	Nat 110	2700	20
STEPHENS					
E & H Drlg	2 dsl	400	MC U34	325	6
	6 dsl	600	Wils Mogul	350	6.5
Lowe Drlg	2 dsl	475	MC U34	475	6
Seely & Co	1 dsl	80	G-D 1500		1.5

TEXAS (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
STERLING						
Bandera Drlg	11	dsl	925	BDW 450T	540	9
Hondo Drlg	1	dsl	700	MC U15	700	15
Robinson Drlg of Texas	5	dsl	750	MC U15	900	9.5
Tucker Drlg	8	dsl	550	Idco H40	550	9
TMBR Drlg	8	dsl	700	Nat 50CA	600	10.5
Wes-Tex Drlg	1	dsl	660	Nat 50A	660	10
	3	dsl	700	Nat 50A	700	10
	11	dsl	450	Beth 355	700	10
STONEWALL						
Morrison Drlg & Prod	103	dsl	925	Idco H36	550	7.5
SUTTON						
D B Drlg	22	dsl	750	Unit U24	450	7
Delta Drlg	73	dsl	580	S-H 7500	440	9
TMBR Drlg	11	gas	980	MC U15	500	10
Wes-Tex Drlg	8	dsl	335		500	8
TAYLOR						
Herb Expl	1	g-h		Fail 1500	10	15/ 2.38"
Lynx Drlg	2	dsl	500	Idco H30	380	7
	4	dsl	750	TSM-6000	540	9
TERRELL						
Parker Drlg	89	gas	1800	Nat 1330	1800	23
Rowan Drlg	12	dsl	2880	Nat 1320M	2100	18
TERRY						
GCO Drlg	3	dsl	820	BDW 650M	650	12
Kenai Drlg	14	dsl	700	Emsco GC500	700	11.5
Norton Drlg	8	dsl	550	Wils 75	900	14
THROCKMORTON						
Ashtola Drlg	1	dsl	800	MC U15	800	7.5
Bandera Drlg	1	dsl	750	MAC 300	475	7.5
E & H Drlg	1	dsl	700	MC U15	700	7.5
Megargel Drlg	6	dsl	350	Beth S45B	275	6
Wes-Mor Drlg	11	dsl		Wils Roadair		6
TITUS						
Cape Drlg	2	dsl	1000	S/B TR7W	800	8.5
Gibson Drlg	4	dsl	506	Wils Mogul 65	296	6
Nowotny & Conley Drlg	2	dsl	2000	OIME SL-1000	1200	15
TOM GREEN						
Bandera Drlg	6	dsl	800	MC U34	380	6.5
Mellon Drlg	1	dsl	750	Emsco GB250	570	7.8
TYLER						
Cliffs Drlg	33	dsl	2000	Nat 80B	1650	14.5
Goldrus Drlg	5	d-e	3400	Oiwl E2000	1700	20
UPSHUR						
Atco Drlg Southern	55	d-e	2000	Nat 80UE	1000	15
UPTON						
Ard Drlg	1	dsl	900	S-H	670	8.5
Cactus Drlg	58	dsl	550	Beth S45E	454	6
FWA Drlg	3	dsl	1250	Wils Super Giant	1040	13
Sharp Drlg	38	dsl	790	Beth M58	988	12
Transcontinental Drlg-San Angelo	98	dsl	1500	MC U06A	850	12
Tri-Service Drlg	6	dsl	1800	Oiwl 96	1800	16
TMBR Drlg	27	dsl	1750	G-D 700	800	14
VAL VERDE						
Santa Fe Drlg	SFW-12	d-e	2300	Emsco A1100E	1800	20
Tri-Service Drlg	11	d-e	3000	MC 1220ED	3000	20
VAN ZANDT						
Delta Drlg	21	dsl	2300	G-D 1100	2592	17
Maxwell Herring Drlg	17	dsl	2400	Beth 1500	2400	20
Noble Drlg	N-85	dsl	1830	Nat 80B	1830	15
VICTORIA						
B D K Drlg	1	dsl	1000	Wils Giant	560	8.5
	6	dsl	1000	S/B 4810	950	10
	8	dsl	1000	S/B 4810	750	10
Corpus Christi Drlg	5	dsl	300	Wils Super 38	250	6
	6	dsl	300	S/B 550	450	6
FWA Drlg	16	dsl	1350	Wils Mogul 42	730	9
	29	dsl	2800	Nat 110	2400	20
Houtech Drlg	803	dsl	1600	G-D 700	1200	15
	804	dsl	1600	G-D 700	1200	15

KELLEY ONSHORE DRILLING CO.

Kelley Onshore Drlg	3	d-e	2000	OIME SD7	1500	18
	10	d-e	1700	Oiwl 750	750	12
VICTORIA (Cont'd)						
M N D Drlg-Southern	5	dsl	1535	S/B N95	1535	18
Padre Drlg	2	dsl	500	S/B H4210	400	7.5
Southland Drlg	1	dsl	1100	Emsco GB500		10
	5	dsl	1400	S/B N55		10
	8	dsl	1400	Emsco GB350		8.5
	10	dsl	1897	Beth M810		16
	11	dsl	3000	Emsco A1500		24
	12	dsl	3000	Emsco 1500A		19
	14	dsl	3000	Emsco A1500		18
	16	dsl	3000	S/B N12A		19
WALLER						
Bearden Int'l	3	d-e	2100	Nat 110E	1500	18
	4	d-s	2000	Nat 80UE	1000	14
	5	mch	2000	Nat 110M	1500	18
	15	d-c	1800	Nat 610E	750	12
	28	mch	1550	Oiwl 70	700	13
	30	d-m	1850	Emsco D3 Type III	1000	15
Murco Drlg	30	dsl	2800	Oiwl H2000B	3000	25
WARD						
Aztec Well Serv	184	dsl	600	Wils M75	1100	12
Cactus Drlg	62	dsl	550	Idco H35	454	6
Delta Drlg	86	dsl	500	S-H 7000	480	9
	98	dsl	1500	Wils Giant Roadair	784	12.5
Kenai Drlg	31	dsl	650	MAC 300	400	7
Loffland Bros	117	d-e	3300	MC U1220EBD	3300	25
Parker Drlg	58	dsl	1850	Nat 106M	1850	16
Resource Drlg	RD3	dsr	3185	Nat 1330	2740	26
Rod Ric	8	dsl	670	S/B N45	600	8
	9	dsl	750	Idco H35	600	8
Sharp Drlg	61	dsl	2331	MC U914C	2742	23.5
TMBR Drlg	5	dsl	700	Nat 50CA	600	10.5
WASHINGTON						
Hansing & Young Drlg	101	d-m	1800	Nat 610	750	12.5
	102	d-m	2880	OIME SL7	1880	12.5
Resource Drlg	RD-31	dsl	1560	Nat 80B	1835	14

SPARTAN DRILLING
(713) 955-0625 (409) 775-7071
(303) 293-8004 (406) 482-6470
(403) 262-7779

Spartan Drlg	9	d-e	1000	Sup 1000E	1000	18
WEBB						
Atco Drlg Southern	11	dsl	1800	Nat 55	550	12
Cliffs Drlg	40	d-e	2600	Nat 1320UE	3025	25
Corpus Christi Drlg	4	dsl	300	Wils Super 38	250	5.4
Dixon Drlg	12	dsl	900	S/B N4	450	6
Harkins & Co	6	dsl	1260	S/B N75A	1260	12.5
	8	dsl	1800	Emsco C1 Type III	1800	18/ 5"
Moran Bros	67	dsl	1700	Emsco D3	1000	15
Nicor Drlg	58	d-e	2700	MC U1220EB	2000	25
Penrod Drlg	16	dsl	3075	S/B N12A	1840	20
	25	dsl	2800	Emsco C2	1950	25
	126	dsl	1000	Nat 80B	1760	15
	132	dsl	1000	Nat 80B	1760	
	136	dsl	1000	Nat 80 B	1000	15
Rio Grande Drlg	7	dsl	750	OIME SL5	1500	12
Texas Drlg	2	dsl	1700	S/B N7	1200	11
	3	dsl	1700	Nat 50A	1200	11
	6	dsl	1700	Cbot 900	900	10
	8	dsl	2000	Cbot 2550	1200	14
	9	dsl	1800	Emsco D2	1350	14
	10	dsl	2000	Cbot 2550	1200	14
Williams Drlg of South TX	2	dsl	1200	Cbot 900	900	10.5/ 4"
	4	dsl	880	Idco BP8085	880	11.5/ 4"
Wills Drlg	8	dsl	1000	Idco H1700	2400	20
WHARTON						
Big 6 Drlg	7	dsl	800	Idco	680	10
FWA Drlg	24	dsl	1350	Wils Mogul 42	730	11
Louise Drlg	1	dsl		Idco H40		12.5
Padre Drlg	7	dsl	700	S/B H1481 0	750	10
	10	dsl	1300	S/B 4810	450	8.5
WHEELER						
Baker & Taylor Drlg	3	dsl	1200	MC U20	1350	16
Helmerich & Payne	47	dsl	2475	Oiwl M2000	2750	28
Loffland Bros	222	d-e	3300	MC U1220B	2200	28
Noble Drlg	OW-22	e-s	3300	Oiwl E2000	3300	25
ONEOK Drlg	10	dsl	3000	Nat 110M	1500	20
WHEELER (Cont'd)						
Parker Drlg	162	dsl	2200	OIME SL1500P	2200	22
Quarles Drlg	10	dsl	2700	MC U914C	2400	22
Sharp Drlg	68	d-e	2331	Oiwl M2000E	2742	30
Viersen & Cochran Drlg	16	d-e	2400	Nat 1320	3360	23
WICHITA						
Moran Drlg, E W	11	dsl	2800	Wils 150A	1650	28
	22	d-e	3350	Emsco C3	3000	30
	25	d-e	3200	G-D 3000E	3000	28
	28	d-e	3200	G-D 2000E	3000	40
	30	d-e	3200	G-D 3000	3000	30
WILBARGER						
Bearden Drlg	2	dsl	1500	Wils 75	900	9
WILLACY						
Alanco Drlg	2	dsl	1000	Idco H40	680	10
Delta Drlg	89	d-e	2000	Emsco D3 Type II	2592	16
Nickles Drlg	76	d-e	2600	Nat 1330UE	1800	28
WILSON						
South Texas Drlg	6	dsl	800	S/B N45	550	8
WINKLER						
Cactus Drlg	20	dsl	1450	Nat 110	1050	15
	60	dsl	550	Beth S45E	454	6
Penrod Drlg	111	dsl	1950	Nat 1625M	3000	30
Sharp Drlg	55	dsl	2321	G-D 2100	2742	30
WISE						
M N D Drlg-Northern	51	dsl	700	Nat 50	700	7
	52	dsl	700	Nat 50	700	7
	53	dsl	1040	MC U15	700	9
	54	dsl	1040	MC U15	700	9
	55	dsl	1040	MC U15	700	9
	59	dsl	1040	Emsco G350	700	9
	60	dsl	1040	MC U15	700	10
	61	dsl	1400	MC U36A	700	11
	62	dsl	1040	MC U15	700	10
	63	dsl	1040	MC U15	700	10
	64	dsl	1040	MC U15	700	10
	65	dsl	1400	MC U36A	700	12
	66	dsl	1400	MC U36A	700	12
Wes-Mor Drlg	10	dsl		MC U15		7.5
WOOD						
Gibson Drlg	6	dsl	506	Wils Mogul 42	318	5
	8	dsl	529	Wils 65	380	5
Goldrus Drlg	3	d-e	1700	Oiwl E2000	3400	20
Helmerich & Payne	40	dsl	1650	Oiwl 860	1815	20
Justiss Oil	79	d-e	2200	Nat 110UE	1500	20
	28	dsl	700	Oiwl 96	1000	16
	33	dsl	1000	Oiwl 96	1400	17
WOODWARD						
Unit Drlg & Expl	3	dsl	700	Nat 50A	880	11
YOAKUM						
Cactus Drlg	19	dsl	1050	Nat 50A	650	1
	61	dsl	550	Nat T20	460	6
Dual Drlg	26	dsl	2550	Wils 150A	1650	18
Grace/T R G	360	dsl	1080	Wils 75	900	12
Grace/T R G Drlg	3	d-m	1345	G-D 700M	1100	13
Hondo Drlg	10	dsl	1200	S/B N75A	1200	15
Norton Drlg	7	dsl	450	Wils 65	650	8.5
Rod Ric	2	dsl	450	Beth S45E	400	7.5
Sharp Drlg	52	dsl	1550	Beth M810	1635	19
	65	dsl	1560	Emsco D3	1635	18
Sitton Drlg	4	dsl	650	Wils 75P	900	10
TMBR Drlg	2	dsl	350	Wels W45	450	7
	17	dsl	350	MC U15CA	500	9
	33	dsl	700	Wels W45	880	9
Varna Corp	2	dsl	680	S/B N65	800	12.5
YOUNG						

L.D. BURNS DRILLING COMPANY
One Parker Square, Suite 500
(817) 723-0512
Wichita Falls, Texas 76308

Burns Drlg	8	dsl	444	MC U34B	350	7.5
E & H Drlg	4	g-l	550	MC U15	550	7.5
Franklin Drlg	1	dsl	380	G-D 1500	380	1.5
	2	dsl	400	G-D	400	2.5
Grand Drlg	1	dsl	800	Shaf S38000	475	8
ZAPATA						
Buzzini Drlg	10	dsl	1400	Oiwl M2000	2800	20
Delta Drlg	94	d-s	2000	Emsco D3 Type II	2592	16

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	4½ - in. Pipe, 1000 ft. •	Rated Depth With

TEXAS (Cont'd)

ZAPATA (Cont'd)

Dixilyn-Field Drlg	14	d-e	2200	Oilwell 840E	2650	18
Loffland Bros	88	d-e	2160	MC U712	2400	16
Penrod Drlg	22	dsl	2600	Nat 1320N	1950	25
	119	dsl	1600	Nat 1625M	3000	30
	128	dsl	1500	Nat 80B	1700	15
	135	dsl	2600	Nat 80B	1500	15
PRC Drlg	5	dsl	1817	G-D 700M	1340	14
	7	dsl	2465	G-D 880M	1540	16
Texas Drlg	5	dsl	2660	Cbst 2500	1350	14
	7	dsl	1750	Cbst 900	950	10

UTAH

UNDESIGNATED

Noble Drlg	CW-862	dsl	2400	Oilwl 880	2400	18
TWT Expl	51	dsl				8.5
	55	dsl				8
	56	dsl				12
	57	dsl				17
	58	dsl				14
	59	dsl				12
W E S Corp	7		1000	Wils Giant	1000	12
	51	dsl				5
	58	dsl				14
	59	dsl				12
Westburne Drlg	64	dsl	1300	G-D 1100E	1000	20

CARBON

Kenting Drlg	28-E	d-e	2400	MC U814 EC	2000	20
Nicor Drlg	46	d-e	2000	Emsco C1E	1500	21
Yiersen & Cochran Drlg	7	dsl	2000	Unit U712	1450	18

DAGGETT

Parker Drlg	160	dsl	2300	OilwE 2000E	3000	30

DUCHESNE

Apollo Drlg Inc (CO)	4	dsl	1300	Nat 80B	1040	16
Grace-Bomac Drlg	91	dsl	1500	Nat 80B	1500	16
Manning, R L	10	dsl	720	Oilwl 660	720	10
Montgomery Drlg	31	dsl	2660	Nat 110UE	2700	18
	32	d-e	2700	Nat 110UE	2660	18
	43	e-s	2660	Nat 110UE	2660	20
	44	dsl	2660	Oilwl 98	1660	20
	46	dsl	2000	Nat 110	2000	20
Nicor Drlg	60	dsl	1350	Nat 55M	700	15
	66	dsl	2660	MC U712A	1200	18
Parker Drlg	117	gas	2660	Nat 110	2660	22
Westburne Drlg	58	dsl	310	Nat T32	275	7

EMERY

Apollo Drlg Inc (CO)	2	dsl	1300	Nat 80B	1000	16
Four Corners Drlg	3	dsl	1300	Crdw KB660	700	9
Loffland Bros	1	dsl	1250	MC U40	1440	13
Rio Grande Drlg	27	dsl	750	S/B N75	1000	14.5
Vaco Drlg	3	dsl	650	MC U30A	700	9

GARFIELD

Loffland Bros	58	d-e	1600	Nat 80B	2000	15

GRAND

Anderson-Myers Drlg	7	dsl	1200	Nat 55	1400	10
Vaco Drlg	9	dsl	1200	Idco 725	750	11

IRON

Grace-Bomac Drlg	80	d-e	3645	Nat 1320UE	2600	25

RICH

Atco Drlg	9	d-e	2500	Nat 110UE	2500	20
Grace-Bomac Drlg	44	dsl	1500	G-D 800	1500	16
Loffland Bros	108	dsl	2160	S/B N10A	2400	25

SAN JUAN

Arapahoe Drlg	2	g-p	360	Nat T32	320	8
	4	g-p	760	Nat 50A	900	12
Bayless Drlg	1	dsl	1000	Idco H1000	660	10
Coleman Drlg	2	dsl	595	Idco H46D	700	8
	4	dsl	800	S/B MODH46	900	12
Energy Search Drlg	1	dsl	1360	Cbst 900	900	10
	2	dsl	1360	Cbst 900	900	10
Forwest	6	d-s	2800	Nat 110UE	2660	20
Parker Drlg	116	d-e	1650	Nat 80B	1650	20

SAN PETE

Dixilyn-Field Drlg	39	d-e	2730	Nat 110UE	2660	18

SEVIER

Grace-Bomac Drlg	56	dsl	2250	G-D 1100M	2250	20

SUMMIT

Brinkerhoff-Signal	88	dsl	4000	Nat 110UE	2660	20
Dixilyn-Field Drlg	33	d-e	1860	Oilwl 840E	2000	20
Grace-Bomac Drlg	90	d-e	2730	Nat 110UE	2730	20
Loffland Bros	8	dsl	2160	MC U814C	2400	30
	106	dsl	2160	MC U814C	2400	30
Lord Drlg	3	dsl	2200	Oilwl M660	1650	16

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	4½ - in. Pipe, 1000 ft. •	Rated Depth With

UTAH (Cont'd)

SUMMIT (Cont'd)

Manning, R L	31	d-e	1350	Emsco D2	700	11
	33	d-e	1850	Emsco C1	1500	20/5"
Norton Drlg	9	d-e	1350	G-D 110E	1500	20
Parker Drlg	171	dsl	1650	OIME 1500P	1650	20
	183	dsl	1650	OIME 1500P	1650	20
Yiersen & Cochran Drlg	11	dsl	2600	Nat 110	2400	20

UINTAH

All Western Drlg	2	gas	800	MC U15	700	10
	3	dsl	1050	MC U15	840	10
Anderson-Myers Drlg	14	dsl	1800	S/B N75A	1800	14
Bowden Drlg Ltd	21E	d-s	2000	Emsco C1		20
Brinkerhoff-Signal	79	dsl	550	Nat 370	800	8.5
	85	dsl	550	Nat 370	800	9
Manning, R L	23	dsl	800	S/B N45	740	7.5
Nicor Drlg	43	d-e	1500	G-D 500E	650	11
Olsen Drlg	2	dsl	1250	Scst 7502S	824	10
	5	dsl	6015	Crdw L350	500	7.5
Parker Drlg	177	dsl	1650	OIME SL1500	1650	16.5
Vaco Drlg	2	dsl	425	May 5000	500	7
Yiersen & Cochran Drlg	13	dsl	2000	Nat 80B	1600	17

UTAH

Loffland Bros	221	dsl	2880	MC U1220AE	3200	25

WAYNE

Loffland Bros	5	dsl	1220	Idco H1000	868	12

VERMONT

FRANKLIN

Delta Drlg	84	dsl	1800	Emsco D3 Type III	1560	16

VIRGINIA

UNDESIGNATED

Ray Resources	7	dsl	450	Crdw KB500	700	8

WISE

Ray Resources	4	dsl	450	Idco BIR5525	600	6
	9	dsl	450	Idco H35	600	6.5
Union Drlg	2	dsl	1200	Idco BIR5525	425	6

WASHINGTON

BENTON

Brinkerhoff-Signal	32	dsl	1000	Emsco GC350	485	8
	70	dsl	550	Crdw KW250	450	6.5

GRANT

Brinkerhoff-Signal	53	d-e	2325	Nat 110	2325	20

GRAYS HARBOUR

Bowden Drlg Ltd	14E	scr	1300	Nat 1320UE	2000	220

WEST VIRGINIA

UNDESIGNATED

Ray Resources	3	dsl	450	Idco BIR5525	600	6
	8	dsl	450	S/B N55	800	10

BOONE

FWA Drlg	23	dsl	275	Wils Super 38	300	6
Hurt & Assoc, Clint	5	dsl	350	Wils Super 38	350	5

CABELL

FWA Drlg	13	dsl	275	Wils Giant	300	4.5

CALHOUN

Hurt & Assoc, Clint	7	dsl	350	Kremco K600	500	7.5

CLAY

Smith Drlg	10	dsl	300	Chal M320	425	5

GILMER

Union Drlg	11	dsl	1200	S-H 5000	350	5

HARRISON

Union Drlg	1	dsl	1200	Crdw KM250	425	6

JACKSON

Hurt & Assoc, Clint	2	dsl	350	Wils Super 38	350	5
	4	dsl	350	Wils Super 38	350	5
	6	dsl	350	Wils Mogul 42	500	7
Smith Petr, Carl E	4	dsl	350	Emsco GB250T	500	10
	5	dsl	238	Wich	320	4.2

KANAWHA

FWA Drlg	22	dsl	275	Wils Super 38	300	4.5

LEWIS

Union Drlg	15	dsl	1200	Idco BIR5525	425	6

MINGO

FWA Drlg	15	dsl	275	Wils Super 38	300	4.5

PUTNAM

Smith Drlg	12	dsl	500	Chal M320	425	5

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	4½ - in. Pipe, 1000 ft. •	Rated Depth With

WEST VIRGINIA (Cont'd)

RITCHIE

Hurt & Assoc, Clint	1	dsl	350	Wils Mogul 42	500	7.5

ROANE

Hurt & Assoc, Clint	8	dsl	350	Kremco K600	500	7.5

TYLER

Ray Resources	14	dsl		Nat T20	600	6.5

UPSHUR

Union Drlg	5	dsl	1200	Crdw 350	385	6
	6	dsl	1200	S/B DH4210	425	8

WIRT

Hurt & Assoc, Clint	3	dsl	350	Wils Super 38	350	5
Smith Petr, Carl E	6	dsl	320	Idco BIR5525	475	8.5

WYOMING

UNDESIGNATED

Pruet-Ram-Co	4	dsl	2000	Emsco D3	2000	18
Westburne Drlg	67	dsl	1725	Oilwl 96	1725	20
	68	dsl	1950	MC U1220D	1950	20
	71	dsl	1560	Oilwl 860	1560	18

ALBANY

Burris Drlg	108	dsl	1200	G-D 500	650	110

BIG HORN

Barnhart Drlg	2	dsl	600	Nat T20	350	5
	3	dsl	600	Idco H35	350	6
Burris Drlg	105	dsl	1200	Unit 36A	650	120

CAMPBELL

Anderson-Myers Drlg	9	dsl	1200	Nat 55	1200	12
Apollo Drlg Inc (CO)	1	dsl	1000	Nat 55	750	120
	6	dsl	1200	Oilwl 76	750	12
	8	dsl	1200	Oilwl 76	750	12
	23	dsl	750	Nat 50A	550	95
Brinkerhoff-Signal	2	dsl	875	MC U36A	600	9
	12	dsl	1000	Nat 55	1000	12
	14	dsl	1000	Nat 55	1000	12.5
	20	dsl	500	Nat 50A	500	10
	82	dsl	1500	G-D 700M	800	12.5
Burris Drlg	116	dsl	1200	Sup 700	650	100
Cyclone Drlg	2	dsl	800	Beth M58	800	12
	3	dsl	1250	MC U30	1250	15
	4	dsl	800	MC U15	800	9
	5	dsl	800	Beth M58	800	12
	6	dsl	800	Nat 50A	800	10
Enopco	3	dsl	2000	Nat 80B	1800	17.5
Exeter Drlg Northern	7	dsl	700	S/B N75	1000	12.5
	8	dsl	500	S/B N7	750	9.5
	9	dsl	750	S/B N75	1100	12.5
	10	dsl	500	S/B N55	750	10.5
	18	dsl	500	Nat 50A	750	9.5
	20	dsl	500	Emsco GC500	750	11
	21	dsl	550	MC U15	720	9.5
	30	dsl	750	Emsco D2	1100	12.5
	34	dsl	530	MC U15	750	9.5
	36	dsl	450	Beth M58	750	11
	37	dsl	500	G-D 700	1100	12.5
	38	dsl	500	MC U15	750	9.5
	39	dsl	500	MC U15	750	9.5
Forwest	7	d-e	1300	Idco H100	1000	10
Gallagher Drlg	6	dsl	520	Crdw O	970	12
Grace-Bomac Drlg	28	dsl	1010	Emsco GA500	750	10
	43	dsl	1000	G-D 700M	1000	12.5
	45	dsl	1500	G-D 800M	1500	16
	53	dsl	1500	Nat 80B	1500	16
Harpel Drlg	3	dsl	1200	Idco H725	800	11
	4	dsl	1200	S/B N46	800	12

NICOR Drilling Company
(918) 587-5507

Nicor Drlg	57	dsl	1060	Nat T45	550	10.6
	59	dsl	1400	Nat 55M	700	14.5
	61	dsl	1550	Nat 610	750	12
	62	dsl	1000	Nat 610	750	12.5
Shelby Drlg	51-E	d-e	1000	Idco 725ESCR	75	110
Tower Drlg	5	dsl	600	G-D 500M	800	11.5
True Drlg	15	g-lp	1300	Nat 50A	1000	11.5
	17	dsl	1350	Nat 50A	1000	12

CARBON

Anderson-Myers Drlg	1	dsl	680	Nat T32	450	7
	18	dsl	600	Nat T45	800	10
Atco Drlg	54	d-e	1800	Nat 610UE	1800	12
Exeter Drlg Northern	28	dsl	1200	G-D 800	1275	15
Manning, R L	20	dsl	1050	Emsco J1000	1290	14
	24	dsl	860	S/B N75	980	11
Simmons Drlg	48	dsl	350	Hycalog HH6000	350	6.8

CONGRESS

Westburne Drlg	60	dsl	750	Nat 50A	850	11

WYOMING (Cont'd)

Contractor	Rig No.	Type Power	Mud Pumps	Total HP All Main	Drawworks Make And Model	Total HP Available to Drawworks	4½ - in. Pipe, 1000 ft. Rated Depth With
CONVERSE							
Anderson-Myers Drlg	5	dsl	1000	Emsco GB500		820	10
	6	dsl	1800	Emsco GB800		1800	15
Apollo Drlg Inc (CO)	3	dsl	1000	Nat 55		750	12
	24	el	2000	Emsco D3		1000	16
Apollo Drlg Inc (TX)	2	dsl	1500	Nat 80B		1500	16
Brinkerhoff-Signal	5	dsl	1500	Nat 80		1500	15
	76	dsl	800	G-D M500		800	10
Burris Drlg	112	dsl	1500	G-D 1100		1500	20
Helmerich & Payne	38	dsl	1230	Nat 80		1365	16
Loffland Bros	153	dsl	1260	Nat 80B		1500	16
	234	dsl	1400	MC U40		1600	13
Manning, R L	6	dsl	1290	Emsco GB800		1290	14
True Drlg	18	dsl	350	Emsco GB250T		350	6.5
Westburne Drlg	65	dsl	520	Nat T45		460	8.5
CROOK							
Burris Drlg	117	dsl	800	MAC 400		500	10.5
	119	dsl	450	MAC 400		500	10.5
Cyclone Drlg	1	dsl	800	MC U15		800	9
Exeter Drlg Northern	3	dsl	550	Nat 50A		750	9.5
	17	dsl	500	Nat 50A		750	9.5
	35	dsl	500	MC U15		750	9.5
FREMONT							
Atco Drlg	2	dsl	2000	Nat 80B		1800	16
	12	dsl	1800	Nat 80B		1800	16
Barnhart Drlg	4	dsl	350	G-D 15W		350	1.5
Dixilyn-Field Drlg	34	d-e	3720	Nat 1320UE		2000	25
Forwest	2	d-s	2600	Idco E2100		1800	22
Grace-Bomac Drlg	24	dsl	2250	Nat 110M		2250	20
Loffland Bros	223	dsl	1260	MC U15		1000	10
Manning, R L	25	dsl	1000	S/B N75		1300	11.5
Nicor Drlg	70	d-e	2700	G-D 1500E		2000	25
Quarles Drlg	24	dsl	2700	G-D 1500E		2000	30
	25	d-e	4000	Emsco C3		3000	30
Trigg Drlg	6	d-e	2400	MC U914E		2400	25
True Drlg	14	dsl	1200	Nat 50A		1200	12
Westburne Drlg	69	dsl	1400	Nat 1320M		1600	18
HOT SPRINGS							
Manning, R L	28	g-b	800	Emsco GB350		506	7.5
Phelps Drlg Intl	22	dsl	1000	Nat 370		550	9.5
Simmons Drlg	36	dsl	350	Hycalog HH600P		350	6.8
JOHNSON							
Burris Drlg	114	dsl	1500	G-D 1100		1500	20
Grace-Bomac Drlg	59	dsl	1500	Nat 80B		1500	16
Manning, R L	34	d-e	1600	Emsco D3		1000	18
LARAMIE							
Atco Drlg	56	d-e	1800	Nat 80UE		1800	16
Rio Grande Drlg	26	dsl	750	S/B N75		1030	14.5
True Drlg	19	dsl	1000	Nat 50A		1000	12
LINCOLN							
Brinkerhoff-Signal	7	dsl	1500	Nat 80B		1500	15
	72	dsl	2000	Nat 1320UE		2000	25
	73	dsl	1500	Nat 80B		1500	15
Burris Drlg	111	dsl	1500	G-D 1100		1500	20
Exeter Drlg Northern	24	dsl	1000	G-D 800		1100	15

WYOMING (Cont'd)

Contractor	Rig No.	Type Power	Mud Pumps	Total HP All Main	Drawworks Make And Model	Total HP Available to Drawworks	4½ - in. Pipe, 1000 ft. Rated Depth With
LINCOLN (Cont'd)							
	31	dsl	1000	G-D 800		1650	15
Loffland Bros	60	d-e	1800	MC U712A		2000	17
	89	d-e	2100	MC U1220EB		2400	25
	97	d-e	3300	MC U1220EB		3300	30
	119	d-e	4000	Emsco CE3000 Type II		3300	35
	184	dsl	2160	MC U712A		2400	15
	325	dsl	2160	G-D 2100		2400	25
Manning, R L	30	d-e	1600	Emsco D3		1000	18
Parker Drlg	92	dsl	1650	Nat 100M		1650	16
Rio Grande Drlg	3	dsl	1300	Nat 1320M		2300	25
True Drlg	24	dsl	1400	MC U914C		2400	22
NATRONA							
Atco Drlg	8	dsl	1230	Emsco A550		1230	12
	20	dsl	800	Emsco GB500		800	10
	27	dsl	730	Beth C50		730	9
Burris Drlg	106	dsl	1200	G-D 500		650	110
Challenger Drlg	25	dsl	300	Nat T20		600	5
	27	dsl	300	Nat T12		500	4.5
Dixilyn-Field Drlg	31	d-e	5580	Nat 1320UE		2000	25
	32	dsl	2300	Na: 130		2331	25
Elenburg Expl	3	dsl	320	W-N CC2000		230	2.5
	11	dsl	430	Elenburg 6000		430	6
Exeter Drlg Northern	41	dsl	1000	G-D 700		1100	12.5
Loffland Bros	40	dsl	1680	S/B N95		2000	16
Manning, R L	12	dsl	700	Olwl 66		550	11
Parker Drlg	118	dsl	1650	Nat 100M		1650	20
	124	dsl	1650	Olwl 2000E		1650	25
Shelby Drlg	11	dsl		Idco 35ESCR			10
NIOBRARA							
Brinkerhoff-Signal	21	dsl	1040	Emsco GC500		1040	11.5
Harpel Drlg	5	dsl	1000	S/B N42		65	9
PARK							
Anderson-Myers Drlg	10	dsl	670	Nat T32		800	8.5
Atco Drlg	25	dsl	730	Idco H525		730	9.5
Barnhart Drlg	1	dsl	700	Idco H525		575	8.5
Manning, R L	8	dsl	850	Emsco GA500		850	9
	9	dsl	650	Emsco GA500		650	8.5
	16	g-b	640	Nat T32		458	6.5
	26	g-b	1155	Emsco GB800		1365	14
Molen Drlg	6	d-e	3000	Emsco C1 Type II		2000	22
Penrod Drlg	115	dsl	1600	Nat 1625ME		3000	30
Simmons Drlg	46	dsl	350	Troy M600		350	7.5
Wyoming Well Serv	21	dsl	500	Idco H35		318	5
	24	dsl	300	Crdw 200A		318	4.5
	30	dsl	300	Crdw 200A		318	4.5
SUBLETTE							
Dixilyn-Field Drlg	36	dsl	2000	Nat 110UEV		2000	18
	41	d-e	3720	Nat 1320UE		2000	25
Helmerich & Payne	81	d-s	2200	Nat 110UE		1500	20
Manning, R L	29	dsl	800	Emsco GB500		934	9
Montgomery Drlg	5	d-e	2700	Nat 1320UE		3645	25
Rio Grande Drlg	6	d-e	1350	G-D 1500E		1195	25
	10	d-e	1300	Nat 1320UE		1195	25
True Drlg	9	dsl	1200	MC U40		1200	15
	16	g-lp	1300	Nat 50A		1000	11
	25	dsl	2100	MC U914C		2100	22

WYOMING (Cont'd)

Contractor	Rig No.	Type Power	Mud Pumps	Total HP All Main	Drawworks Make And Model	Total HP Available to Drawworks	4½ - in. Pipe, 1000 ft. Rated Depth With
SUBLETTE (Cont'd)							
Viersen & Cochran Drlg	9	dsl	2600	Nat 110		2400	20
SWEETWATER							
Apollo Drlg Inc (CO)	16	dsl	1200	Nat 80B		1000	14
Brinkerhoff-Signal	57	dsl	1560	Nat N80B		1560	16
	69	dsl	1000	Nat 110		1500	18
Dixilyn-Field Drlg	40	d-e	1860	Nat 80UE		1000	15
Exeter Drlg Northern	11	dsl	700	G-D 700		1000	12.5
Manning, R L	7	g-b	750	Emsco G500		750	8.5
	22	dsl	1180	Emsco A550		1180	11
Norton Drlg	10	dsl	750	G-D 700		1070	15
Parker Drlg	163	dsl	1650	OIME SL1500		1650	20
Penrod Drlg	23	dsl	2600	Nat		1950	25
Rio Grande Drlg	28	dsl	1000	S/B N95		2300	18
Sabre Drlg	2	dsl	671	Wils Mogul 42		671	5
Shelby Drlg	12	d-e	1600	G-D 1100ESCR		2000	20
TETON							
Loffland Bros	30	d-e	2160	MC 914EC		2200	20
UINTA							
Anderson-Myers Drlg	12	dsl	1500	OIME 1500		1500	17
Brinkerhoff-Signal	6	dsl	1500	G-D 1100		1500	18
	26	dsl	1170	Nat 55		1170	10.5
	40	dsl	2400	Nat 130UE		3000	25
	86	dsl	1000	Nat 80B		1500	16
Dixilyn-Field Drlg	38	d-e	3720	Nat 110UE		2000	18
Exeter Drlg Northern	29	dsl	1200	G-D 800		1125	15
	43	dsl	2250	Emsco C Type III		2250	20
	56	dsl		G-D 1100		1650	20
Forwest	1	d-s	2600	Idco E2100		1800	22
Grace-Bomac Drlg	29	dsl	2250	Nat 110M		2250	20
Loffland Bros	214	dsl	1860	MC U40		1600	13
Lord Drlg	1	dsl	2200	Olwl M860		1350	18
	2	dsl	2200	Olwl M860		1650	18
Manning, R L	14	dsl	1700	Nat 110		1500	20/5"
	21	dsl	1095	Nat 80B		1365	15
	32	d-e	1600	Emsco D3		1000	18
	35	d-e	2400	Emsco C1		1500	20/5"
Noble Drlg	N-116	e-s	3000	Nat 110UE		3000	20
	132	d-s	3300	Nat 1320UE		3300	25
Norton Drlg	6	dsl	750	Wils 75		900	13
Parker Drlg	112	dsl	3000	Idco E3000		3000	30
	173	dsl	1650	OIME 1500P		1650	20
Rio Grande Drlg	5	dsl	1300	Nat 110		2400	20
Viersen & Cochran Drlg	8	dsl	2000	Nat 80B		1500	16
WASHAKIE	14	dsl	2600	Emsco 800A		1500	17.5
Anderson-Myers	2	dsl	1200	Nat 55		1200	12
	15	dsl	1800	S/B N75A		1800	14
Exeter Drlg Northern	19	dsl	700	G-D 800		1100	14
Manning, R L	17	g-b	770	Emsco GC500		910	11
WESTON							
L & R Drlg	4	dsl	400	Cbot Rocket		195	3
	6	dsl	318	Cbot 50		318	1.5/3.5"

International Contract Rotary Land Drilling Rigs

AFRICA

Contractor	Rig No.	Type Power	Mud Pumps	Total HP All Main	Drawworks Make And Model	Total HP Available to Drawworks	4½ - in. Pipe, 1000 ft. Rated Depth With
ALGERIA							
SAIPEM	5894	d-e	3200	Nat 110UE		1600	17
	5895	d-e	3200	Nat 110UE		1600	17
EGYPT							
Challenger Ltd	18	dsl	900	Cbot 100		1000	12
Egyptian Drlg	1						
	2						
	4			Nat 110			
	7						
Forex Neptune and/or Affil	7	dsl	3200	Nat 110		1600	19
	33	d-e	3200	G-D 1100		1500	18
Geoprosco Intl	41	dsl	2200	Idco H900		1100	10
Santa Fe Drlg	64	dsl	1800	Nat 110		1800	16

AFRICA (Cont'd)

Contractor	Rig No.	Type Power	Mud Pumps	Total HP All Main	Drawworks Make And Model	Total HP Available to Drawworks	4½ - in. Pipe, 1000 ft. Rated Depth With
EGYPT (Cont'd)							
Santa Fe Drlg	69	d-e	2000	Nat 1320DE		3400	20
	73	dsl	2000	Nat 110		1800	16
	75	dsl	2000	Nat 1320M		1800	20
	92	d-e	2800	Nat 1320UE		1400	20
	94	d-e	2250	Nat 110UE		2000	16
	97	d-e	2800	Olwl E2000		2000	20
	102	d-e	2400	Nat 110UE		1500	16
	143						
SAIPEM	5863	d-e	3200	Nat 110UE		1500	17
GABON							
Forasol	H-525	d-s	2000	Idco 525		2400	8
	110-5	el	260	Nat 110		4000	16
Forex Neptune and/or Affil	4	dsl	1300	Idco H525		500	9

AFRICA (Cont'd)

Contractor	Rig No.	Type Power	Mud Pumps	Total HP All Main	Drawworks Make And Model	Total HP Available to Drawworks	4½ - in. Pipe, 1000 ft. Rated Depth With
GABON (Cont'd)							
Forex Neptune and/or Affil	27	dsl	2600	Idco Super 711		1200	18
LIBYA							
Arab Drlg & Workover	ADWOC 1	d-e	1300	Emsco C1II		975	20
	ADWOC 2	d-e	2600	Emsco C111		1500	20
	ADWOC 3	d-e	2600	Emsco C111		1500	20
	ADWOC 4	dsl	425	Wils 42BLC Trailerized		325	6
	ADWOC 5	dsl	425	Wils 42BLC Trailerized		325	6
	37	dsl	1550	Nat 80B		1800	12
	53	dsl	1250	Idco H525		700	9

• Contractor	Type Power • Rig No. •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	Rated Depth With 4½ - in. Pipe, 1000 ft. •
AFRICA (Cont'd)					
LIBYA (Cont'd)					
Arab Drlg & Workover	118 dsl	1250	Idco H525	700	9
Challenger Ltd	19 dsl	1300	Nat 80B	1950	15
Deutsche Tiefbohr	T-16 dsl	2000	Emsco A800	1000	12
	T-26 dsl	2100	Idco Super 711	1500	16
	T-90 dsl		H-L 6206	400	
	T-91 dsl		H-L 6205	130	
Forex Neptune and/or Affil	13 dsl	2500	Idco Super 711	1200	18
	35 d-e	3200	G-D 1110E	1600	18
	42 dsl	2000	Nat 80UE	1000	15.7
	43 d-e	2000	Nat 80UE	1000	15.7
	44 dsl	3200	Idco Super 711	1600	18
KCA Drlg	83 dsl	2000	MC U36EA	1000	10
	100 dsl	750	Crdw KM250	375	6
	101 dsl	375	Cbot 1058	375	12
	102 dsl	375	Cbot 1058	375	12
	103 dsl	375	Cbot 1058	375	12
Oil Drlg & Expl	7 dsl	2000	Idco Super 711	2000	17
	9 dsl	2000	Idco Super 711	2000	17
Pool-Intairdril	2 dsl	318	Cbot 1267/ 120	476	5
	3 dsl	318	Cbot 1267/ 120	476	5
	5 dsl	318	Cbot 1058/ 120	318	5
	10 dsl	318	Cbot 1058/ 120	318	5
	22 dsl	400	Idco DIR550	400	6.5
	32 dsl	600	Cbot 750	600	6.5
	33 dsl	600	Cbot 750	600	6.5
	34 dsl	600	Cbot 750	600	7.5
	204 e-s	2000	Idco ED1200	1000	12
	205 el	2000	Idco ED1200	1000	12
	206 e-s	2000	Idco ED1200	1000	12
MADAGASCAR					
Bawden Int'l Ltd	2				
NIGERIA					
Forex Neptune and/or Affil	1 dsl	2600	Idco Super 711	1200	18
	9 dsl	2850	Nat 110	1600	19
	10 dsl	2600	Nat 110	1600	19
	24 d-e	3200	G-D 2100RE	3000	25.4
	26 dsl	2600	Idco Super 711	1200	18
	49 d-e	3200	G-D 1100E	1500	18
	54 d-e	3200	G-D 1500E	2000	21.7
SAIPEM	5838 dsl	2500	Idco H1700	2000	16.5
	5847 dsl	2130	Idco H1700	1700	16.5
	5850 dsl	1135	Idco H40	432	6
	5860 dsl	2500	Idco H1700	2000	16.5
SOMALIA					
Parker Drlg	143 dsl	2000	Nat 110	2250	18
SUDAN					
Parker Drlg	220 dsl	1600	OIME SL1000	1000	15
	105-HH/2 dsl	1200	OIME HH1250	1275	14
	119-HH/ 10 dsl	1950	OIME HH1500	1700	18
	195-HH/ 42 dsl	2000	OIME TBA2000	2000	20
TANZANIA					
Blocker Drlg	46				
Deutsche Tiefbohr	T-11				
TUNISIA					
Blocker Drlg	10 dsl	825	Idco Hydrair H37ESC	434	7.5
	16				
	18 dsl	1475	Cbot 2346	950	10
	45				
	47				20
Forasol	110-2 d-s	2600	Nat 110	2400	16
	110-7 el	2600	Nat 110	4000	16
	1320-2 d-s	3200	Nat 1320	3600	20
Forex Neptune and/or Affil	11 d-e	3200	Nat 110UE	1500	19
SAIPEM	5842 dsl	2250	Idco H1700	1700	16.5
	5846 dsl	2250	Idco H1700	1700	16.5
	5893 d-e	3200	Nat 110UE	1600	17
ZAIRE					
Von Rautenkranz Hermann	ITAG-102 dsl	1000	Wils Mogul 42		10
ASIA PACIFIC					
AUSTRALIA					
Oil Drlg & Expl	5 dsl	1100	Idco Super 711	1100	13
	6 dsl	1200	Nat 55	850	10
	8 dsl	350	Idco H35	500	4.5
	12 dsl	1500	Idco H725	750	10
	15 dsl	2000	Idco H1700	2000	17
	18 dsl	500	Idco H725	725	10
Pool-Intairdril	9 dsl	420	Cbot 1058/ 160	420	5
	216 dsl		Wils Super 38	350	3.4
Richter Drlg Pty	2 dsl	1600	Nat 55	900	10
	4 dsl	600	Nat T32	300	6
	5 dsl		Coop 750		10
	8 dsl	1400	Nat 110M	1100	15
	9 dsl	2000	Nat 80B	1000	12
	11 dsl		Coop 750	375	10
	4 d-e	2000	Nat 80UE	1000	12
	16 dsl	275	S/B RR550	450	6.5
Richter Drlg Pty	97 dsl		Troy 600	455	2.5
Simmons Drlg	SC 1 dsl	350	Hycalog HH6000	350	6.8
BRUNEI					
Deutsche Tiefbohr	T-41 dsl	1800	Wils 780	780	8
INDIA					
SAIPEM	5827 d-e	3200	Idco E2100	2000	20
INDONESIA					
Bawden Drlg Intl	6 dsl	1000	Nat T45	550	7.5
	9 d-s	3200	Nat 1320UE	2000	22
	28 dsl	925	Emsco GB350	350	7.2
	29 d-e	1400	Nat 80E	1000	12
	51 dsl	1200	Sup 700	700	10
Deutsche Tiefbohr	T-31 dsl	1000	Wils 780	910	8
Forex Neptune and/or Affil	45 (Helirig) d-e	1950	Wils EH120	1100	16.9
Houlder Marine Drlg	1 d-e	1600	Nat 80UE	1000	12
Loffland Bros	56 dsl	900	MC U36A	900	10
	139 dsl	1400	MC U36	900	10
	300 dsl	600	MC U34	500	4
Parker Drlg	106-HH/3 dsl	1600	OIME HH1250B	1275	14
	115-HH/8 dsl	1200	OIME HH1500	1700	18
	125-HH/ 13 dsl	1200	OIME HH1500	1700	18
	130-HH/ 18 dsl	1500	OIME TBA2000	1700	20
	146-HH/ 32 dsl	2000	OIME TBA2000	1700	20
	156-HH/ 35 dsl	2000	OIME TBA2000	2000	20
	160-HH/ 37 dsl	2000	OIME TBA2000	2000	20
	188-HH/ 38 dsl	2400	OIME TBA2400	2400	24
	190-HH/ 39 dsl	2000	OIME TBA2000	2000	20
PT Mafhabor Indonesia	MBI 1 dsl	600	Nat 610	750	12
PT Meta Epsi Drlg	1 dsl	1600	Nat 610	850	12
	2 d-e	1050	HS1500E	1500	15
	3 d-e	1050	HS1500E	1500	15
	4 d-e	2600	S/B NE95A	1800	20
Richter Drlg Pty	7 dsl	1600	Nat 610	750	10
MALAYSIA					
Deutsche Tiefbohr	T-10 dsl	2700	Nat 110H	1500	16
NEW GUINEA					
Parker Drlg	140-HH/ 28 dsl	1500	OIME TBA2000	1700	20
NEW ZEALAND					
Oil Drlg & Expl	16 dsl	1600	Idco 1200	1600	14
	17 d-e	2800	Idco E2100	2800	21
PAKISTAN					
Challenger Ltd	61E dsl	2800	G-D 1100E	1500	20
	62E dsl	2800	G-D 1100E	150	20
Deutsche Tiefbohr	T-35 dsl	1600	Coop LTO750	750	10
	T-37				
Forasol	110-9 d-s	2600	Nat 110	2400	16
Parker Drlg	126-HH/ 14 dsl	1500	OIME TBA2000	1700	20
Pool-Intairdril	218 dsl		Idco H44	750	8.5
PHILIPPINES					
PNOC Energy Drlg	1 dsl	1650		1650	12.5
	3 dsl	1100	Idco H725	1100	8.5
	4 dsl	1350	Nat 610	1100	10
	5 dsl	1350	Nat 610	1100	10
	6 dsl	1350	Nat 610	1100	10
	7 dsl	660	Idco H525	684	8
	8 dsl	2000	Emsco D3	2000	12.5
	9 dsl	1100	Nat 370	730	7
	10 dsl	4000	Idco E2100	2000	21
Richter Drlg Pty	6 dsl	1350	Nat 100	1000	14
THAILAND					
Deutsche Tiefbohr	T-46 d-e	2600	Emsco C2	2000	20
	T-48 d-e	2600	Emsco A800	1000	15
Forasol	80-B2 d-s	2600	Nat 80	2400	120
	110-10 d-s	2600	Nat 110	2400	16
Parker Drlg	194-HH/ 41 dsl	2000	OIME TBA2000	2000	20
	200-HH/ 44 dsl	2000	OIME TBA2000	2000	20
CANADA					
ALBERTA					
Adeco Drlg & Engr	1 dsl	312	Nat T20M	370	5.9
	2 dsl	380	OIME SD3	365	8.5
	3 dsl	308	Nat T32	320	7
	8 dsl	1500	Nat 100M	2340	18
	12 dsl	312	Nat T32	380	8.2
	14 dsl	312	Nat T32	320	7
	15 dsl	365	Nat T45	575	10.5
	16 dsl	308	Nat T32	312	7
	18 dsl	700	OIME Hellhoist 500C	1370	7.5
	19 dsl	308	Nat T32M	320	8.2
	20 dsl	610	Nat 370	475	8.2
Argus Drlg Div Taro Inds	1 dsl	320	Nat T32	327	7.2
	2 dsl	320	Emsco 250T	327	6.5
	4 dsl	320	MC U34	319	6
	5 dsl	1100	Oiwl 76	1326	12
	7 dsl	320	Nat T32	327	8.2
Arrowhead Drlg	C-1 dsl	1040	Nat 610	1040	12
	C-10 dsl	1560	Nat 80B	1560	15
	C-11 dsl	1560	Nat 80B	1560	15
	C-2 dsl	770	Nat 370	770	9
	C-4 dsl	1040	Nat 610	1040	12
	C-5 dsl	1560	Nat 80B	1560	15
	C-6 dsl	770	Nat 370	770	9
	C-7 dsl	1040	Nat 610	1040	12
	C-8 dsl	1040	Nat 610	1040	12
	C-9 dsl	1040	Nat 610	1040	12
Atco Drlg Bow Island Div	2 dsl	275	W-N 2000	275	2.9
	6 dsl	275	W-N 2000	275	2.9
	7 dsl	275	W-N 2000	275	2.9
	8 dsl	275	W-N 2000	275	2.9
	9 dsl	275	W-N 2000	275	2.9
	10 dsl	275	W-N 2000	275	2.9
	17 dsl	275	Unit U34	300	5.5
Atco Drlg Mustang Div	31 dsl	815	S/B N45	720	8.5
	34 dsl	300	Nat T20	350	5.5
	35 dsl	820	Nat T45	820	9
	36 dsl	300	Idco H30AD	300	5.5
	39 dsl	300	Nat T20	300	6
	40 dsl	700	S/B N45	650	8.5
	41 dsl	300	Idco H30F	350	6
	42 dsl	650	Idco H35	700	7.5
	45 d-e	1500	Nat 610E	750	12
	50 dsl	300	Idco H30F	350	6
	53 dsl	735	Nat T45	650	9
	54 dsl	715	Idco H35D	650	7.5
	55 dsl	500	Idco H35	385	6.5
Badger Drlg	2 dsl	400	Nat 370	600	7.6
	4 dsl	400	Sup 400	500	7
	6 dsl	400	Nat 370	600	7.6
	99 dsl	500	Sup 300	450	6.2
Bawden Drlg	12 mch	1700	Emsco D3	1000	16
	16 mch	1800	Emsco D3	1000	12
	17 mch	1100	G-D 500	500	9
	20 mch	1000	G-D 500	500	9
	33 mch	1850	Oiwl 850	1400	16
Beaver Drlg	1 dsl	300	Nat T32	300	7
	2 dsl	300	Nat T20	300	6
	3 dsl	300	Nat T20	300	6
	4 dsl	300	Nat T32	300	7
	5 dsl	300	Nat T32	300	7.5
	6 dsl	300	Nat 370	550	8.5
	7 dsl	550	Nat 370	550	9.5
	8 dsl	300	Nat T32	300	7
	9 dsl	550	Nat 370	550	9.5
Blocker Drlg	5				
	6 dsl	1000	OIME 1000SL	1500	16
	7 dsl	770	OIME 750SL	1155	14
	9				14
	10				10
Breico Drlg	1 dsl	800	Oiwl 700	900	12
	2 dsl	800	Oiwl 700	900	12
	3 dsl	600	Oiwl 500	750	9
	4 dsl	600	Oiwl 500	750	9
	5 dsl	600	Oiwl 500	750	9
	6 dsl	600	Oiwl 500	750	9
	7 dsl	800	Oiwl 700	900	12

CANADA (Cont'd)

ALBERTA (Cont'd)

Contractor	Rig No.	Type Power	Total HP All Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
Cactus Drlg	1	dsl	750	S/B N55	750	8.5
	2	dsl	940	Nat 55	940	11.5
	3	dsl	350	MC U34	350	6.5
	4	dsl	350	MC U34	350	6.5
	5	dsl	1554	Idco Super 711	1554	15
	6	dsl	900	Crdw AO	900	9.5
	7	dsl	700	Emsco GB350	700	8.5
	8	dsl	350	MC U34	350	6.5
	9	dsl	350	MC U34	350	6.5
	10	del		Nat T32	700	7.8
	14	dsl	750	Emsco GB500	750	8
	15	dsl	750	Emsco GC350	750	6.5
	16	dsl	500	MAC 300	500	6.5
	17	dsl	500	MAC 300	500	6.5
	18	dsl	500	MAC 300	500	6.5
	19	dsl	500	MAC 300	500	6.5
	20	dsl	1200	Emsco D2	1200	14
	24	dsl	300	Beth S55	300	6
	25	d-e	3400	Emsco C2	2000	20
	26	d-e	2700	Emsco D3	500	18
	28	dsl	1200	S/B N75	1200	12.5
Can-Tex Drlg & Expl	5	dsl	1200	Emsco GB800	1200	12
	6	dsl	1400	Emsco GB800B3	1275	14
	7	dsl	1000	Emsco D2	900	12
	8	dsl	820	Oiwl 66	820	9
	10	dsl	800	Nat 370	450	8
Centennial Drlg	1	dsl	360	MC 60005	350	5.5/ 3.5"
	2	dsl	360	Emsco 250GA	350	5.5/ 3.5"
	3	dsl	480	Nat T32	750	8.5
Challenger Drlg-Calgary	JB9E	d-a	2400	Nat 80UE	2800	15
	2	dsl	650	Nat T45	808	9
	11	dsl	350	Nat T20	456	5.7
	39	dsl	350	Nat T20	456	5.7
	44	dsl	1300	Nat 80B	1950	15
	50	dsl	2000	Nat 110	2385	19
	51	dsl	1830	Nat 110	1980	19
	55	dsl	1180	Nat 100HD	1470	18.5
	5-E	d-e	1220	Nat 55	1830	12.5
	8-E	d-e	1500	Nat 80E	2250	14.5
	10-E	d-a	2800	MC U1220EB	2800	22/ 5"
Ensign Drlg	2	dsl	440	Emsco	440	1.9
Guthrie McLaren Drlg	1	dsl	300	Oiwl 52T	400	7
	2	dsl	300	S/B N4	300	6.5/ 3.5"
	3	dsl	680	Nat 50CA	600	10
	4	dsl	375	Sup D500	450	7
	5	dsl	750	Nat 50CA	400	8.5
	6	dsl	300	Fail 2500A	225	3
	8	dsl	300	Fail 2500A	225	3
	9	dsl	1940	OIME 1500	1940	18
	10	dsl	300	Sup D500	450	7
	11	dsl	450	Sup 500	450	7
	12	dsl	325	Sup S400	300	6.2
Hi Tower Drlg	2	dsl	780	Oiwl 66	800	9.5
	3					
	7					
	1E	d-e	3600	Nat 1320UE	2000	20
	10	dsl	1150	Oiwl 76	1220	10
	11	dsl	350	Sup 400	540	6.5
	19					
	5E	d-e	700	Idco E725	700	9.5
	6E	d-e	700	Idco E725	700	9.5
	18E	d-e	1800	Oiwl 760	1000	15
	20E	d-e	1800	Oiwl 760	1000	15
Jade Drlg	3	dsl	550	Idco H25	380	7.5
	5	dsl	500	Idco H30	420	7.5
Jomax Drlg	1	dsl	800	Oiwl 52T	455	2.6
	2	dsl	800	Oiwl 52T	455	2.6
	3	dsl	800	Oiwl 52T	455	2.6
	4	dsl	1200	Oiwl 76A	1275	4.3
	5	dsl	875	Nat 50A	875	10.5
	6	d-e	2400	Oiwl 760	1600	5
	7	d-e	2400	Oiwl 760	1600	5
Kenting Drlg	4	dsl	720	610	720	11.5
	5	dsl	350	Sup 400	350	7.5
	9	dsl	720	Nat T32	720	7.5
	10	dsl	720	Oiwl 66	720	10
	15	dsl	720	Nat 370	720	9
	18	dsl	800	Nat 50A	800	9.5/ 5"
	24	dsl	350	Nat 370	350	9
	27	dsl	1040	Nat 610	1040	12
	28	dsl	700	Nat 370	700	9
	29	dsl	1040	Nat 610	1040	12
	37	dsl	350	Sup 400	700	7.5
	38	dsl	800	Nat 370		9.5
	22-E	d-e	2000	Nat 80UE	1000	13
	23-E	d-e	2000	Nat 610E	1000	11.5
	39-E	d-e	1100	Nat 370E	1130	10
KCA Drlg	C1	del	1200	Nat 55	612	10
Lemkco Drlg	1	dsl	770	OIME 750 S/L	1155	12
	2	dsl	800	OIME SD3SL	800	10
Loffland Bros	9	d-e	2000	MC U914	1980	20
	36	dsl	2000	MC U914C	2680	20
	72	dsl	1700	MC U914	2880	20
	93	d-e	2100	MC U1220EB	2400	25
	171	d-e	2132	MC U914B	1700	18
	186	dsl	1400	MC U914A	1590	18
Montgomery Drlg	42	d-e	2000	Nat 110UE	2000	20
	49	d-e	2000	Nat 110E	2000	20
Nabors Drlg	4	dsl	2000	Oiwl 76	1740	14
	5	dsl	700	Oiwl 76	1326	12
	15	dsl	1200	Emsco A550	884	11
	16	dsl	2000	Emsco A800	1740	15
	19-E	d-e	2000	Emsco CI	3900	20
	21-E	d-e	3200	Emsco IIC	3900	20
	23-E	d-e	1800	Emsco D2	1800	14
	24-E	d-e	2000	Emsco Electrohoist 2C	2925	18
Parker Drlg	98	dsl	1500	Nat 100	1000	17
Phelps Drlg Intl	1E	d-e	1200	MC U36EA	800	11
	18	dsl	500	TSM 6000	450	7
	19	dsl	500	TSM 6000	450	7
	20	dsl	500	TSM 6000	450	7
	23	dsl	1000	Nat 370	550	9.5
	24	dsl	1000	Nat 370	550	9.5
	4E	d-e	700	Sup 700E	700	9
	5E	d-e	700	Sup 700E	700	9
Precision Drlg	1	dsl	350	Idco H30FD Super	350	6.5
	4	dsl	350	Idco H30D	350	7.2
	5	dsl	350	Idco H525D	350	7.5
	6	dsl	350	Idco H30	350	6.5
	7	dsl	350	Idco H30D	400	8
	8	dsl	350	Idco H30D	350	6.5
	9	dsl	350	Idco H30D	350	7.5
	10	dsl	350	Idco H35D	350	7.2
	11	dsl	350	Idco H40PD	350	7.2
	12	dsl	500	Idco H30D	350	7.5
	14	dsl	350	Idco H40	500	7.5
	15	dsl	350	Idco H30FD	350	7.5
	16	dsl	700	Emsco PD650	650	10
Red Arrow Drlg	1	dsl	225	Nat T20	275	6
	3	dsl	225	Nat T20	275	6
	4	dsl	225	RAD 200	275	6
	5	dsl	225	Nat T20	275	6
	6	rst	225	RAD 200	275	6
	7	dsl	225	RAD 200	275	6
	8	dsl	225	RAD 200	275	6
	9	dsl	225	RAD 200	275	6
	10	dsl	225	RAD 200	275	1.8
Regent Drlg	1	dsl	675	Idco H40	330	7.5
	3	dsl	840	S/B N4	900	9.5
	4	dsl	840	S/B N4	900	9.5
	5	dsl	840	S/B N4	820	9.5
	8	dsl	1800	G-D 1100	2100	15
	9	dsl	1400	S/B N45	1400	14
	10	dsl	830	S/B N4	900	9.5
	11	dsl	2200	Oiwl 840E	2592	20
	21	dsl	2200	Oiwl M2000	2592	20
	22	dsl	830	MC U36A	500	8.5
	23	dsl	800	S/B N4	820	9.5
	24	dsl	800	S/B N4	900	9.5
	25	dsl	1400	S/B N45	1400	14
	28	dsl	1400	S/B N45	1400	14
	29	dsl	350	S/B N4	385	6
	14-E	dsl	2800	Oiwl 840E	1800	20
	15-E	dsl	2700	G-D 1500	2000	21
	16-E	dsl	2700	G-D 800E	1000	14
	17-E	dsl	2700	G-D	1000	14
Rocky Mountain Drlg	1	dsl	650	Nat 370	650	8.5
	2	dsl	1150	G-D 500	700	8.5
	3	dsl	1650	Nat 80	1650	15
	4	dsl	1050	Unit U36A	1050	10
S & T Drlg	1	dsl	1100	Nat 55	1100	11
	2	dsl	350	Nat T32	350	7
	3	dsl	1200	Nat 55	1200	11.5
	4	dsl	700	Nat 50CA	400	8
	5	dsl	1150	Nat T45	800	9.5
	6	dsl	1200	Nat 610	1200	11.5
	7	dsl	1200	Nat 610	800	10.5
	9	dsl	800	Nat 370	800	8.5
	10	dsl	350	MC U54	350	6.5
Sedco Drlg	71	dsl	350	Sup 400	456	6
	77	dsl	375	Sup 400	456	6
	79	dsl	318	G-D 3000	318	4
	81	dsl	375	Sup 400	318	6
	83	dsl	350	Crdw 150A	318	4.2
	86	dsl	175	Kremco K800D	450	5
	88	dsl	350	Crdw S350	350	5.5
	89	dsl	350	Idco H30D	318	5
	90	dsl	350	MC U34D	456	5.5
	91	dsl	330	Emsco GB250	456	6.5
	92	dsl	350	Sup 400	456	5
	95	dsl	300	Sup 400	456	6
	96	dsl	300	Idco H25	318	4.5
	97	dsl	300	Nat T32	456	6
	99	dsl	350	Emsco G[illegible]00	456	6.5
	93-E	d-e	375	Sup 400	210	6.5
Shelby Drlg	1	dsl	319	Coop 3000D	318	5
	2	dsl	319	Coop 3000D	300	5
	3	dsl	319	Cbot 1267	475	6
	5	dsl	630	Coop 550		7.5
	8	dsl	1200	OIME 750SL	1200	14
	10	d-e	700	Sup 400E		8.5
Simmons Drlg	8	dsl	450	Troy 600	700	10
	11	dsl	350	Hycalog HH6000	350	6.8
	12	d-e	1200	G-D 500E	700	9
	19	dsl	575	Troy M800	535	7.5
	23	dsl	175	Troy 300	175	1.8
	25	dsl	350	Mac 300	350	6

SPARTAN
DRILLING
(713) 955-0625 (409) 775-7071
(303) 293-8006 (406) 482-6470
(403) 262-7778

Contractor	Rig No.	Type Power	Total HP All Mud Pumps	Drawworks Make And Model	Total HP Available to Drawworks	Rated Depth With 4½ - in. Pipe, 1000 ft.
Spartan Drlg	2	d-e	700	Sup 700E	700	1
	3	d-e	550	Sup 400E	400	7.5
	20	d-e	600	Oiwl 500E	500	9
	21	d-m	700	Shaf 6000	600	6.5
	22	d-m	700	Nat 370	600	9
	24	d-m	380	Sup 300	300	5.5
	44			Nat T8		
Tri-City Drlg	1	dsl	250	Fail 2500	200	3
	2	dsl	300	MC U34	3000	6
	3	dsl	250	Fail 2500	200	3
	4	del	300	Fail Stratmaster 90	280	5
	5	dsl	250	Fail 2500	210	3
	7	dsl	250	Fail 2500	210	3
	8	dsl	300	Fail 3500	280	3.5
	9	dsl	300	Sup 300	300	4.5
	10	dsl	300	Sup 300	300	4.5
Westburne Drlg Canada	1	dsl	1560	Nat 80B	1560	13
	4	dsl	1040	Emsco GC500	1040	11
	8	dsl	360	Idco H40D	360	7
	10	dsl	1275	Nat 80	1275	13
	12	dsl	720	Nat 370	720	8
	14	dsl	1080	Nat 50A	1080	9.5
	15	dsl	900	S/B N7	720	8.5
	17	dsl	1080	Emsco GB350	720	8
	24	dsl	380	Nat T32	380	7
	26	dsl	380	Nat T32	380	7
	28	dsl	1440	Nat 55	1440	11
	30	dsl		Kutryk KS1		5
	32	dsl	380	Fail 2500	210	3
	33	dsl	380	G-D 3000	235	3.5
	34	dsl	380	Idco H25CD	380	4.5
	35	dsl	380	Fail 2500	180	3
	38	dsl	380	Fail 2500	180	3
	39	dsl	380	Fail 3500	235	3.5
	40	dsl	380	Fail 2500	180	3
	50	dsl	380	Fail 2500	180	3

BRITISH COLUMBIA

Adeco Drlg & Engr	6	dsl	1500	Nat 100M	2340	18
Atco Drlg Bow Island Div	4	dsl	275	W-N 2000	275	2.9
Bawden Drlg	8	d-e	2200	Oiwl 960	1400	20
	25E	d-a	2000	Emsco C1 Type II	1500	18
Challenger Drlg-Calgary	15	dsl	800	Idco Sup 711	1300	12.5
	4-E	d-e	1170	Nat T45	1005	9
Hi Tower Drlg	12	dsl	280	Nat T32	335	6.5
	14	dsl	280	Oiwl 52T	350	6.5
	21E	d-e	3200	Emsco D3	1000	15
Jade Drlg	4	dsl	625	Idco H25	430	7.5
Kenting Drlg	7	dsl	720	Emsco GC500	720	10.5
Loffland Bros	3	del	1850	MC U914A	2880	18
Montgomery Drlg	46	d-e	2000	Nat 1320UE	2000	20
Nabors Drlg	3	dsl	1700	Oiwl 76	1326	14
	6	dsl	300	Idco H35	300	6
	9	del	2000	Nat 110	2250	18
Parker Drlg	94	del	1700	Nat 100M	1000	18
Regent Drlg	2	dsl	840	S/B N55	820	9.5
	26	dsl	840	Idco H40	330	7.5
	12-E	del	2200	G-D 1500	2592	20
Westburne Drlg Canada	22	dsl	1010	Nat 50A	720	8.5

MANITOBA

Concept Resources	1	dsl	500	Emsco GA250	300	7.5
Crown Drlg	2	dsl	784	S-H 5000	476	5
	4	dsl	714	MC U34	382	6
Red Arrow Drlg	2	del	225	Nat T12	275	5
Spartan Drlg	14	d-m	500	Sup 300	300	5.5

NEW BRUNSWICK

Bawden Drlg	52	del	380	Nat 42-23T	450	3.5

NORTHWEST TERRITORIES

Adeco Drlg & Engr	4	del	1380	OIME Helihoist 1500	2000	17
Hi Tower Drlg	17					
Kenting Drlg	32-E	d-e	3720	Nat 110UE	2000	18
Kenting Drlg	33-E	d-e	1000	Sup 700E	700	9

• Contractor	Rig No. •	Type Power •	Mud Pumps •	Total HP All Main Drawworks Make And Model •	Total HP Available to Drawworks •	4½ - in. Pipe, 1000 ft. •	Rated Depth With

CANADA (Cont'd)

NORTHWEST TERRITORIES (Cont'd)

Pan Arctic Drlg	A	d-s	1600	OIME 1000E	1000	12
	B	d-s	1000	Nat 80E	800	12
	C	d-s	1600	OIME 1000E	1000	12
Parker Drlg	99-HH/6	dsl	1500	OIME Hellhoist 1500	1500	17

SPARTAN DRILLING
(713) 955-0625 (409) 775-7071
(303) 293-8006 (406) 482-6470
(403) 262-7778

Spartan Drlg	10	d-e	2000	Emsco E	2000	24

ONTARIO

Underwater Gas Dev	6			I-R T5	400	5

QUEBEC

Regent Drlg	6	dsl	1400	S/B N45	1400	14

SASKATCHEWAN

Argus Drlg Div Taro Inds	3	dsl	320	MC U34	319	6
Atco Drlg Bow Island Div	1	dsl	275	W-N 2000	275	2.9
	3	dsl	275	W-N 2000	275	2.9
	5	dsl	275	W-N 2000	275	2.9
	18	dsl	275	Nat T12	300	5
Atco Drlg Mustang Div	32	dsl	300	S/B N4		5.5
	33	dsl	300	Nat T20	300	5.5
	51	dsl	300	Idco H25	350	6
Badger Drlg	1	dsl	400	Idco H30	350	5.9
Blocker Drlg	3	dsl	770	OIME 750SL	1155	14
Cactus Drlg	11	dsl	350	MC U34	350	6.5
Concept Resources	2	dsl	450	Emsco Modified 150	300	6.5
Ensign Drlg	1	dsl	440	Cbot 44	290	6600
Guthrie McLaren Drlg	7	dsl	300	Nat T32	300	7/ 3.5"
Jade Drlg	1	dsl	450	Wils Super 38	300	3.5
	2	dsl	400	Wils Super 38	300	3.5
Precision Drlg	2	dsl	350	Idco H20AD	350	4.5
	3	dsl	350	Idco H30 Super 2FD	350	6.5
Red Arrow Drlg	11	dsl	225	RAD 200	275	6
	12	dsl	225	RAD 200	275	1.8
Sedco Drlg	80	dsl	375	Shaf 6000	456	6
	82		375	Sup 300	318	4.5
	84	dsl	320	Sup 300	318	4.5
	85		300	Sup 300	318	4.5
	87	dsl	300	Crdw L	318	4
	94	dsl	300	Crdw L	210	4
	98	dsl	350	Nat T20	456	6
Simmons Drlg	2	dsl	350	Troy 600	350	7.5
	4	dsl	350	Otwl 52T	350	6.8
	14	dsl	575	Troy M600	535	7.5
	15	dsl	350	MC U34	350	60
	22	dsl	350	Troy 300	350	6.5
	24	dsl	350	Troy 300	350	6.8

SPARTAN DRILLING
(713) 955-0625 (409) 775-7071
(303) 293-8006 (406) 482-6470
(403) 262-7778

Spartan Drlg	1	d-m	380	Sup 300	300	5.5
	5	d-m	380	Sup 300	300	5.9
	23	d-m	700	Sup 300	300	5.5
	27	d-m	380	Sup 300	300	6
Tri-City Drlg	6	dsl	250	Fail 2500	210	3
Westburne Drlg Canada	37	dsl	360	G-D 2500	180	3.5
	42	dsl	360	Nat T20	360	5.5

CENTRAL AMERICA

BARBADOS

Well Services	10			G-D 500		9

BELIZE

Hughes Drlg	8	dsl	110	Cat Idco H35	400	6.5

GUATEMALA

Forex Neptune and/or Affil	30	d-e	3200	G-D	2000	21.7
	39	dsl	1300	Idco H525	500	9
	47	d-e	3200	G-D 1100E	1500	18

• Contractor	Rig No. •	Type Power •	Mud Pumps •	Total HP All Main Drawworks Make And Model •	Total HP Available to Drawworks •	4½ - in. Pipe, 1000 ft. •	Rated Depth With

CENTRAL AMERICA (Cont'd)

GUATEMALA (Cont'd)

Helmerich & Payne (Guatemala)	16	d-e	2600	HS1500	1500	18
	45	d-s	3000	Nat 1320UE	2000	25

EUROPE

UNDESIGNATED

Preussag Aktiengesellschaft	ZA292	dsl	500	Salt	180	3
	900/2	dsl	1500	Cbot 2346	840	10

AUSTRIA

Preussag Aktiengesellschaft	GH35	dsl	2000	DeMg GH35	1500	16.5

FRANCE

Boldon Drlg	81	d-e	1800	Nat 80UE	2000	14.5/ 5"
COSIFOR	E-350	dsl	1500	Emsco 350	550	9
	N-110	dsl	2500	Nat 110	1500	18
	610E	d-e	1600	Nat 610E	800	12
Forasol	E-160	mch	100	Emsco 160	25	
	E900-1	d-s	2000	Idco 900	1600	12
	GD2100	el	3200	Nat 2100	4000	21
	H-25	mch	130	Idco 25	217	
	H-35	mch	800	Idco 35	900	5
	110-6	el	3200	Nat 110	4000	16
	110-8	el	2600	Nat 110	4000	16
	80-B1	d-s	2000	Nat 80	1600	12
	1320-1	el	3200	Nat 1320	4000	20
	1320-4	el	3200	Nat 1320	4000	20
	1625-3	d-s	3200	Nat 1625	4800	25
Forex Neptune and/or Affil	14	dsl	1600	Emsco GC500	500	10.8
	16	d-e	2900	Emsco 1100DE	1500	18
	17	dsl	2000	Emsco A800	800	12
	19	dsl	1650	Nat 55	780	10.8
	22	d-e	3200	G-D 2100	2300	25.4
	28	dsl	1200	Idco H25	250	4.4
	29	dsl	450	Nat 55	700	10.8
	59	dsl	1700	Emsco D2	900	10

GREECE

SAIPEM	5889	d-e	3200	Idco E3000	3000	30

ICELAND

Orkustofnun State Drlg Contrs	DOFRI	dsl	1350	Otwl 52T	320	7.3
	GLAUMUR	dsl	290	Fail 2000	290	3.7/ 2.88"
	JOTUNN	d-e	1500	G-D 700E	750	14
	NARFI	dsl	580	Fail 3000	290	6/ 3.5"
	YMIR	dsl	180	May 1000	180	1.8/ 2.37"

ITALY

Forasol	80-B3	d-s	2600	Nat 80	2400	12
	80-B4	d-s	2600	Nat 80		12
Pool-Imtairdril	211	e-s	1300	Idco 1700	2000	17
	212	e-s	1200	Idco 1200	1000	12.5
SAIPEM	5803	dsl	1400	Idco H711	885	11.4
	5829	d-e	2000	Emsco D3	1000	12
	5832	d-e	3200	Idco E2100	2000	20
	5833	d-e	3200	Idco E2100	2000	20
	5836	dsl	2600	Idco 1350S	1950	18
	5840	dsl	2600	Idco H1700	1700	16.5
	5844	dsl	1000	Idco H30		4
	5852	d-e	880	Idco E525	625	6
	5855	dsl	1800	Idco H1200	1740	13
	5856	dsl	1700	Idco H1200	1740	13
	5858	dsl	1135	Idco H40	432	6
	5864	d-e	3200	Emsco C3 Type II	3000	30
	5870	d-e	3200	Nat 1625 DE	3000	25
	5872	d-e	2600	Nat 1625 DE	3000	25
	5888	d-e	3200	Nat 1625 DE	3000	25
	5891	d-e	3200	Nat 110UE	1600	17
	5892	d-e	3200	Nat 110UE	1600	17
	5898	d-e	2600	Idco HE1700	1600	16.5
	5899	dsl	1400	Crdw 03	1050	10.4

NETHERLANDS

Deutsche Tiefbohr	T-19	dsl	2600	Nat 80BE	1000	14
	T-27	d-e	3200	Nat 130	1625	20
	T-32	dsl	420	Idco H35KD	300	3
	T-40	d-e	2600	Nat 80B	1000	15

SPAIN

Compania Gen De Sondeos SA	1	dsl	1050	Emsco G450	450	10
	2	dsl	2700	Nat T2029	2000	19.7
	3	dsl	1200	S/B 650	575	8.5
	4	dsl	2400	G-D 800	1500	14.8
	5	d-e	2600	Nat 1320UE	2500	20
Forasol	1320-3	d-s	3200	Nat 1320	3600	20
	1625-2	el	3200	Nat 1625	4000	25

• Contractor	Rig No. •	Type Power •	Mud Pumps •	Total HP All Main Drawworks Make And Model •	Total HP Available to Drawworks •	4½ - in. Pipe, 1000 ft. •	Rated Depth With

EUROPE (Cont'd)

SPAIN (Cont'd)

Sonpetrol	GD-2	dsl	1100	G-D 500	600	10
	N-7	dsl	3200	Nat 1625	3000	25
	N-8	dsl	2000	Nat 80UE	1000	14
	N-9	el	2600	Nat 110	2750	16

SWITZERLAND

Deutsche Tiefbohr	T-7	dsl	1300	Nat 80B	1000	11

TURKEY

KCA Drlg	71	dsl	1800	Nat 80B	1000	12
	73	dsl	1800	Nat 80B	1000	12

UNITED KINGDOM

Boldon Drlg	41	dsl	1300	Nat 600	475	8/5"
	61	d-e	1200	Otwl 660E	700	10/ 5"
Houlder Marine Drlg	2	d-e	1600	Sup 700E	1000	9
Kenting Drlg Serv	12	dsl	700	S/B N45	350	8/4"
	17	dsl	350	Fail 90	350	5/ 3.5"
	19	dsl	350	G-D 3000	230	4.5/ 3.5"
	21	d-e	2000	Nat 80UE	1000	14/ 5"
	26	dsl	700	Sup 400	350	7/4"
	31	d-e	2000	Nat 80UE	1000	14/ 5"
	34	d-e	1600	Nat 610UE	750	11.5
	36	d-e	1600	Sup 700UE	700	10
KCA Drlg	84	d-e	1600	Nat	600	10
	94	dsl		Cbot 550	375	4.5

WEST GERMANY

Deutsche Tiefbohr	T-1	dsl	335	Idco H1000	910	8
	T-14	dsl	2400	Emsco A800	1000	14
	T-3	dsl	420	Idco H44CD	460	5
	T-30	d-e	1000	Idco E725D	725	6
	T-36	dsl	1600	Idco H1000	950	8
	T-4	dsl	500	Idco H30	455	6
	T-47	d-e	3900	Emsco C3	3000	30
	T-5	dsl	335	Idco H525D	910	6
	T-8	dsl	335	Idco H1000	910	8
	T-81	dsl	375	Coop LTO350	200	4
	T-82	dsl	375	Coop LTO350	200	4
	T-83	dsl		Salt ZA198	200	
	T-84	dsl		Salt ZA198	200	
	T-85	dsl		Salt ZA198	200	
	T-92	dsl		H-L 6205	130	
	T-93	dsl		H-L 6205	130	
	T-94	dsl		H-L 6205	130	
	T45	d-e	2600	Emsco C2	2000	20
Preussag Aktiengesellschaft	GH-25	dsl	2000	Wirth GH25	1500	14
	900/1	dsl	1500	Cbot 2346	840	10
	900/3	dsl	1450	Cbot 2346	900	10
	1320UE	d-e	3200	Nat 1320UE	2000	25
Von Rautenkranz Hermann	ITAG 22	dsl	2500	Nat 110M		20
	ITAG-104	dsl	1000	Wils Mogul		8
	ITAG-108	dsl	1200	Wils M75		10
	ITAG-109	dsl	600	Wils M75		10
	ITAG-23	d-e	3000	Otwl 2000E		25

MIDDLE EAST

BAHRAIN

Santa Fe Drlg	142	dsl	2600	Nat 110UE	1500	18

IRAQ

SAIPEM	5843	d-e	2800	Otwl E2000	2000	20
	5848	dsl	2600	Idco H1700	1700	16.5
	5849	dsl	2600	Idco H1700	2000	16.5

KUWAIT

Parker Drlg	189	d-e	3200	OIME 3000E	3000	30
Santa Fe Drlg	KDC 10					
	KDC 11					
	KDC 5					
	KDC 6					
	KDC 7					
	KDC 8	d-e	2800	OIWELL E2000	2000	20
	KDC 9	d-e	2800	Otwl E2000	2000	20
	90	d-e	2000	Nat 1320DE	2000	20

OMAN

Deutsche Tiefbohr	T-17	d-e	2700	Nat 1320UE	1800	20
	T-18	dsl	3200	Nat 55	1000	11
	T-29	d-e	2600	Nat 1320ME	2000	20
	T-33	dsl	1600	Nat 55	1000	11
	T-34	dsl	1600	Idco H1000	950	8
Forex Neptune and/or Affil	12	dsl	1800	Idco Junior 1200	1400	11.5
	15	d-e	3200	G-D 1500 E	2000	21.7
	21	d-e	3200	G-D 2100E	2300	25.4
	23	d-e	3200	G-D 2100RE	3000	25.4
	32	d-e	3200	G-D 1100E	1500	18

MIDDLE EAST (Cont'd)

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	4½ - in. Pipe, 1000 ft. •	Rated Depth With
OMAN (Cont'd)							
Forex Neptune and/or Affil	34	d-e	3200	G-D 1100	1500	18	
	57	dsl	2000	Otwl 760	1000	15	
	58	dsl	2000	Nat 80B	1000	15.7	
Pool-Intairdril	6	dsl	600	Cbot 750	650	7.5	
QATAR							
Deutsche Tiefbohr	T-6	dsl	500	Idco H1000	910	8	
Santa Fe Drlg	89	d-e	2000	Nat 110UE	1800	16	
	131						
SAUDI ARABIA							
Arabian Drlg	AD10	dsl	750	I-R 2042/160	700	10	
	AD3	d-e	2950	Idco Super711	2000	16	
	AD4	d-e	2100	Nat 110UE	2000	14	
	AD5	dsl	750	MC U36A	850	10	
	AD6	dsl	750	MC U36A	850	10	
	AD7	dsl	750	Nat 370	800	10	
	AD9	dsl	750	I-R 2042/160	700	10	
Blocker Drlg	7	dsl	1400	Cbot 900	950	10	
	19	dsl	1475	Cbot 2346	950	10	
Loffland Bros	126	d-e	3200	MC U1220EBD	2000	25	
	127	d-e	3200	MC U1220EBD	2000	25	
	128	d-e	3200	MC U1220EDB	2000	25	
Pool Arabia	15	dsl	420	Idco BIR550	420	6.5	
	23	dsl	300	Idco H40	450	8	
	29	dsl	420	Cbot 1058	420	6	
	40	dsl	600	Cbot 700	600	6.5	
	128	dsl	600	Cbot III	450	6.5	
	138	dsl	450	Cbot	450	6.5	
	190	dsl	550	Cbot	700	7.5	
	191	dsl	550	Cbot	700	7.5	
	192	dsl	500	I-R 2042/160	700	8.5	
	193	dsl	500	I-R 2042/160	700	8.5	
	194	dsl	750	I-R 2042/160	700	8.5	
	195	dsl	750	I-R 2042/160	700	8.5	
	201	dsl	1400	Otwl	1000	12	
	202	dsl	1400	Otwl	1000	12	
	203	dsl	1400	Otwl	1000	12	
Santa Fe Drlg	67	d-e	2400	Nat 1320DE	3400	20	
	70	d-e	2000	Nat 1320DE	3400	20	
	101	d-e	2600	Nat 110UE	1500	16	
	109	d-e	2000	Nat 110UE	1800	16	
SHARJAH							
SAIPEM	5828	d-e	3200	Idco E2100	2000	20	
	5887	d-e	3200	Nat 1625 DE	3000	25	
SYRIA							
Forex Neptune and/or Affil	18	dsl	900	Idco H40	500	9	
	25	d-e	3200	G-D 2100RE	3000	25.4	
	36	d-e	3200	G-D	1600	18	
UNITED ARAB EMIRATES							
Forex Neptune and/or Affil	40	d-e	2000	Nat 80UE	1000	15.7	
	56	dsl	2000	Nat 80B	1000	15.7	
Geoprosco Intl	36	dsl	725	Idco H900	725	10	
	42	d-e	725	Idco ED900	1000	10	
	43	d-e	700	Idco ED900	1000	10	
National Drlg	1						
	2						
	8						
	9						
	10						
	11						
Pool-Intairdril	213	el	900	Idco 900	1000	10.5	
	214	el	900	Idco 900	1000	10.5	
	215	el	900	Idco 900	1000	10.5	
Santa Fe Drlg	93	d-e	1700	Nat 80UE	700	12	
	104	d-e	3400	Nat 1100UE	1500	16	
	121	d-e	3400	Otwl 2000E	3000	25	
	139	dsl	3400	Otwl E2000	2000	25	
	144						
	145						
Sedco Inc	91	d-e	3400	Nat 110UE	2000	16	
	95	d-e	3400	Nat 1320UE	2000	20	
	96	d-e	3400	Otwl E2000	2000	20	
	97	d-e	3400	Otwl E2000	2000	20	
Sonat Offshore Drlg	14	dsl	2600	Emsco C2 Type II	2000	20	

SOUTH AMERICA

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	4½ - in. Pipe, 1000 ft. •	Rated Depth With
ARGENTINA							
Compania Naviera Perez Companc	1	dsl	1400	Crdw J450	700	6.9	
	2	dsl	1400	Crdw J450	700	6.9	
	3	dsl	1400	Crdw J450	700	6.9	
	4	dsl	1400	Crdw J450	700	6.9	
	5	dsl	1400	Crdw KM250	350	5.9	
	6	dsl	1400	Crdw KM250	350	5.9	
	29	dsl	1600	G-D 700	700	10	
	36	dsl	1600	G-D 800	1050	12	
	37	dsl	1400	Crdw KB210	350	5.9	

SOUTH AMERICA (Cont'd)

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	4½ - in. Pipe, 1000 ft. •	Rated Depth With
ARGENTINA (Cont'd)							
Compania Naviera Perez Companc	42	dsl	1000	G-D 700	1700	10	
	45	d-e	2600	Idco E1700	1700	15.2	
	46	dsl	1500	G-D 500M	700	10	
Quitral-Co SAIC	P-01	d-e	2000	Emsco Electrohoist II	2100	16.5	
	P-02	d-e	2000	Emsco Electrohoist II	2100	18	
	P-07	dsl	1200	Idco H40	450	6.5	
	P-08	dsl	1500	MC U36	900	10	
	P-12	dsl	1500	Wils	520	2	
Rio Colorado SA	E-101	dsl	1250	MC U36A	700	10	
	E-102	dsl	1250	MC U36A	1000	10	
	E-103	dsl	1250	MC U36A	1000	10	
	E-104	dsl	1000	Idco H525	800	10	
	E-105	dsl	1000	Emsco GC350	800	9	
	E-106	dsl	1000	Emsco GC350T	1000	9	
	E-107	dsl	1800	Nat 100N	1500	16	
	E-108	dsl	1250	Nat	800	10	
	E-109	dsl	1250	Nat N75	1500	11	
	E-110	dsl	1000	Idco H40	500	8	
	E-111	dsl	1500	G-D 800DW	900	11	
	E-112	dsl	1000	Idco H40	500	6.5	
	E-113	dsl	1600	G-D 800DW	1200	12	
	E-125	dsl	880	Idco H37	500	6.5	
	E-126	dsl	2600	Nat 1320UE	2000	20	
	E-127	d-e	2660	G-D 1500E	2000	20	
	E-128	d-e	1140	Idco E525	1000	10	
	E-129	dsl	1600	Nat 75	1000	10	
	E-130	dsl	1320	Idco H40	450	8	
	E-132	dsl	1320	Idco H40	550	8	
	E-134	d-e	2600	Nat 1625DE	3000	25	
	E-137	dsl	1900	Idco H1200	2500	15	
	E-301	dsl	230	Crdw KB500	380	12	
	E-302	dsl	160	W-M 1538B	380	11	
	E-307	dsl	160	Idco H-25	380	10	
	E-309	dsl	230	Idco KB210A	280	10	
	E-310	dsl	230	Crdw KB200C	380	10	
	E-317	dsl	550	Crdw KB200C	370	10	
	E-318	dsl	550	Idco H30	230	11	
	E-319	dsl	550	Idco H30	230	11	
	E-320	dsl	550	Idco H30	230	11	
	E-323	dsl	550	Idco H30	230	11	
	135	dsl	1100	Idco H40	600	8	
	136	dsl		Idco H40		8	
	146	dsl				15	
	303	dsl		W-M 1538B		11	
	304	dsl		W-M 1538B		11	
	305	dsl		Wils Super 38		11	
	306	dsl		Crdw K210A		10	
	308	dsl		Crdw K200		10	
	311	dsl		Wils Super 38		11	
	312	dsl		Crdw KB150		9	
	321	dsl		Idco M20D		8.5	
	322	dsl		Idco M20D		8.5	
	324	dsl		Idco M20D		8.5	
	325	dsl		Idco H25		9.5	
	326	dsl		Crdw KB210A		10	
	327	dsl		Idco H20		8.5	
BOLIVIA							
Helmerich & Payne Rasco	9	d-e	1600	HS1500	1500	18	
	11	d-e	1600	HS1500	1500	18	
BRAZIL							
Odebrecht Perfuracoes	EG-1			Idco 2000		200/5"	
	EG-2			Idco 2000		200/5"	
Parker Drlg	132-HH/20	dsl	1500	OIME TBA2000	1500	20	
	134-HH/22	dsl	1500	OIME TBA2000	1500	20	
	151-HH/34	dsl	1500	OIME TBA2000	1500	20	
	185-HH/40	dsl	2000	OIME TBA2000	2000	20	
Rio Colorado SA	E-121	d-e	2600	S/B N95A	2000	16	
	E-122	d-e	2600	S/B N95A	2000	16	
	E-123	d-e	2600	Nat 1320E	2000	20	
	E-124	d-e	2600	Nat 1320E	2000	20	
COLOMBIA							
Helmerich & Payne (Colombia)	7	d-e	2000	HS1500	1500	18	
	10	d-e	1600	HS1500	1500	18	
Parker Drlg	104	dsl	1500	Nat 50A	1500	10	
	158	dsl	1500	Nat 80B	1500	14	
	209	dsl	750	Nat 50	750	10	
	216	dsl	3200	OIME 2000M	3200	25	
	110-HH/9	dsl	1500	OIME HH1500	1500	17	
	197-HH/43	dsl	2000	OIME TBA2000	2000	20	
Pool-Intairdril	207	dsl	400	Wils Mogul 42	400		
	208	dsl	2000	OIME	1000	12	

SOUTH AMERICA (Cont'd)

• Contractor	Rig No. •	Type Power •	Total HP All Main Mud Pumps •	Drawworks Make And Model •	Total HP Available to Drawworks •	4½ - in. Pipe, 1000 ft. •	Rated Depth With
COLOMBIA (Cont'd)							
Pool-Intairdril	209	dsl	2000	OIME	1000	12	
Rio Colorado SA	144	dsl		S/B N85		14	
ECUADOR							
Helmerich & Payne Del Ecuador	12	d-e	1600	HS1500	1500	16	
	18	dsl	600	Coop LTO550	350	6	
Parker Drlg	135	dsl	1500	OIME TBA2000	1500	20	
	159	dsl	2200	Otwl 76	1560	15	
	219	dsl	3200	OIME 2000M	3200	25	
Pool-Intairdril	126	dsl	230	Wils Mogul 42	450	6.5	
	210	dsl	400	Wils DD42428	450	3	
	217	dsl	400	Idco H37	450		
PERU							
Blocker Intl	21	dsl	550	Idco H37	456	7	
	22	dsl	550	Idco H37	456	7	
	23	dsl	550	Idco H37	456	7	
	24	dsl	550	Idco H37	456	7	
	31					15	
	34					15	
Parker Drlg	155	dsl	1500	OIME TBA2000	1500	20	
	206	dsl	2000	OIME TBA2000	2000	20	
	207	dsl	2000	OIME TBA2000	2000	20	
	107-HH/4	dsl	1500	OIME HH1250A	1500	15	
	108-HH/5	dsl	1500	OIME HH1500	1500	15	
	127-HH/15	dsl	1500	OIME TBA2000	1500	20	
	131-HH/19	dsl	1500	OIME TBA2000	1500	20	
	144-HH/30	dsl	1500	OIME TBA2000	1500	20	
	145-HH/31	dsl	1500	OIME TBA2000	1500	20	
	154-HH/35	dsl	1500	OIME TBA2000	1500	20	
Rio Colorado SA	E-114	dsl	900	Crdw KT250	500	6	
	E-115	dsl	900	Crdw KT250	500	6	
	E-116	dsl	900	Crdw KT250	500	6	
	E-117	dsl	900	Crdw KT250	500	6	
	E-118	dsl	600	I-R RT5	200	3	
	313	dsl		Crdw KB150		9	
	314	dsl		Crdw KB150		9	
	315	dsl		Crdw KB150		9	
	316	dsl		Crdw KB150		9	
TRINIDAD							
Skinner Marine Oper	15	dsl	280	Cbot 200CA Rocket	280	3	
	16	dsl	660	Cbot 1287	300	4	
	17	dsl	1200	Otwl 660		9	
	18	d-e	4000	Otwl 840E	2000	16	
Well Services	1			G-D 500		9	
	2			G-D 500		9	
	4			Nat T32		6.5	
	9			Nat 132		20	
VENEZUELA							
Helmerich & Payne CA	3	dsl	600	Idco H37	600	6	
	6	dsl	300	Idco H44	400	5	
	14	dsl	600	Idco H37	400	6	
	17	dsl	600	Coop LTO550	600	6	
	19	dsl	600	Coop LTO550	600	6	
	20	dsl	600	Coop LTO550	600	6	
	21	dsl	600	Coop LTO550	600	6	
	28	dsl	1500	Nat 110	1500	18	
	30	dsl	1200	Idco H525	1200	10	
	31	dsl	1200	Idco H525	1000	10	
	67	dsl	1500	Nat 110	1500	18	
Loffland Bros	14	dsl	700	MC U36A	785	9	
	24	d-e	2000	Nat 100E	2000	16	
	41	dsl	2000	MC U914C	2000	20	
	54	d-e	2900	MC U1220EB	3300	28	
	61	dsl	500	Idco H525	586	6.5	
	68	d-e	3200	MC U1220EB	3300	28	
	94	d-e	2000	MC U20E	1900	16	
Santa Fe Drlg	2	dsl	1700	Nat 130	1800	20	
	3	dsl	800	Idco 525	600	9	
	8	dsl	2200	Nat 130	1800	20	
	9	dsl	1850	Nat 130	1800	20	
	16	dsl	600	Nat T32	250	5	
	20	dsl	800	Idco H40D	350	7	
	21	dsl	1200	MC U914B	1800	20	
	22	dsl	350	Idco H35	350	5	
	24	dsl	350	Idco H35	350	5	
	110	d-e	2000	Nat 1320UE	2000	20	
	115	d-e	2000	Nat 1320DE	3400	20	
	119	d-e	2800	Otwl E2000	2000	20	
	125	dsl	800	Hoop GXTA	450	6	
	129	dsl	1700	G-D 500M	650	9	

Petroleum Engineer® INTERNATIONAL

International Contract Offshore Drilling Rigs

Contractor And • Rig Name or No.	BOP Stack Size (ID) •	BOP Stack Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½ - in. Pipe, 1000 ft. •	Rated Water Depth •	Status •

AFRICA

UNDESIGNATED

Ocean Drlg & Expl/Ben Ocean Typhoon	DS	13.63	5	Nat 1320UE	25	600	Stacked
Ocean Drlg & Expl/Ocean Tide	JU	13.63	10	Nat 1320DE	25	250	Drilling

ANGOLA

Global Marine Drlg/Glomar Adriatic II	JU	13.63	10	Nat 1625DE	25	300	Drilling
Sedco Inc/Sedco 135G	SS	18.75	10	Otwl E3000	20	800	Drilling
Sedco Inc/Sedneth Luanda	JU	13.63	10	Nat 1320UE	20	200	Drilling

BENIN

Odfjell Drlg & Consulting/Amazone	JU						Drilling

CABINDA

Keydril/Key Largo	JU	13.63	10	Otwl E3000	30	300	Drilling
Keydril/Key Victoria	JU	13.63	5	Otwl E2000	25	260	Drilling
Sedco Inc/Sedco 251	JU	13.63	10	Emsco C2	20	250	Drilling

CAMEROON

Atwood Oceanics Pacific/Richmond	S	13.63	10	Nat 1320UE	20/5"	70	Stacked
Cosifor/Navifor I	T	16.75	5	Nat 1320UE	20	350	Tending
Cosifor/Navifor II	T	13.63	5	Nat 1320UE	20	400	Stacked
Foramer/Ile de la Reunion	T	13.63	5	Nat 110DE	16	250	Drilling
Forex Neptune and/or Affil/Searex 2	T	11.00	10	G-D 500E	11	350	Workover
Forex Neptune and/or Affil/Trident IV	JU	13.63	10	G-D 2100E	20	300	Drilling
Forex Neptune and/or Affil/Trident VII	JU	13.63	10	G-D 1500E	18	132	Drilling
Western Oceanic/Western Polaris I	JU	13.63	10	Nat 1320UE	20	250	Drilling
Western Oceanic/Western Polaris II	JU	13.63	10	Nat 1320UE	20	250	Drilling

CONGO

Cosifor/Navifor III	T	16.75	5	Nat 1320UE	20	400	Tending
Cosifor/Navifor Norse	DS	16.63	10	Nat 1320UE	20	600	Drilling
Foramer/Barracuda	T	16.75	5	Nat 1320DE	20	400	Drilling
Foramer/Ile de Sein	T	16.75	5	Nat 1320DE	20	400	Drilling

EGYPT

Chiles Drlg/Texas Star	JU	13.63	10	Nat 110UE	16	150	Drilling
Dixilyn-Field Drlg/DF82	JU	13.63	10	Nat 1320UE	20	250	Drilling
Egyptian Drlg/EDC Rig 22	P	13.63	5	Emsco WS1B	17		Drilling
Egyptian Drlg/Senusret	JU			Otwl 2000E	25	250	Drilling
Egyptian Drlg/Sneferu	JU			Otwl 2000E	25	225	Drilling
Foramer/Ile d'Amsterdam	JU	13.63	10	Nat 1320UE	20	300	Stacked
Global Marine Drlg/Glomar Adriatic VIII	JU	13.63	10	Nat 1625DE	25	300	Drilling
Global Marine Drlg/Glomar High Island II	JU	13.63	10	Nat 1320UE	20	250	Drilling
Japan Drlg/Hakuryu I	JU	13.63	5	Niigata NM4000	14	100	Drilling
Maersk Drlg/Maersk Viking	JU	13.63	10	Otwl E2000	20	300	Drilling
Magnum Marine/H L Cecil	JU	13.63	10	Sup 2000E	25	200	Drilling
Penrod Drlg/95	JU	13.63	10	Nat 1320UE	25	250	Stacked
Reading & Bates/E W Thornton	DS	20.00	5	Otwl E3000	25.5	600	Stacked
Reading & Bates/W B Tyson	JU	13.63	10	Nat 1625DE	25	300	Drilling
Saipem/Perro Negro 4	JU	13.63	5	Nat 110UE	16	150	Drilling
Saipem/5834	P	14.00	5	Idco E2100	20		Drilling
Santa Fe Drlg/Santa Fe Mariner I	SS	16.75	5	Nat 1320UE	20	600	Stacked
Santa Fe Drlg/105	JU	21.25	5	Emsco C2	20	250	Drilling
Santa Fe Drlg/124	JU	13.63	5	Nat 1625DE	20	250	Drilling
Santa Fe Drlg/136	JU	13.63	10	Nat 1320UE	20	250	Drilling
Santa Fe Drlg/141	JU	13.63	10	Otwl E2000	20	250	Drilling
Sonat Interocean Drlg SA/Interocean III	JU	13.63	10	Nat 1320UE	20	307	Drilling
Sonat Offshore Drlg/Discoverer I	T	12.00	3	Nat 80B	12	600	Drilling
Sonat Offshore Drlg/Offshore Aquarius	JU	13.63	5	Otwl E2000	20	250	Drilling
Sonat Offshore Drlg/Offshore Comet	JU	13.63	10	Nat 1320UE	20	225	Drilling
Sonat Offshore Drlg/Offshore Mercury	JU	13.63	10	Nat 1320DE	20	250	Drilling
Sonat Offshore Drlg/Offshore Taurus	JU	13.63	10	MC U1220BE	20	250	Stacked
Western Oceanic/Western Triton I	JU	13.63	10	Nat 1320UE	20	250	Drilling

EQUATORIAL GUINEA

Foramer/Asterie	SS	18.75	10	G-D 2100DE	25	800	Drilling

GABON

Foramer/Ile d'Ouessant	T	10.00	5	Idco H525	8	360	Stacked
Foramer/Ile de la Martinique	T	16.75	5	Nat 1320DE	20	360	Stacked
Foramer/Ile de Re	T	16.75	5	Nat 1320DE	20	300	Stacked
Forex Neptune and/or Affil/Searex I	T	16.75	5	G-D 1100E	18	200	Stacked
Forex Neptune and/or Affil/Trident IX	JU	13.63	10	G-D 1500E	18	400	Standby
Global Marine Drlg/Glomar Adriatic I	JU	13.63	10	Nat 1625DE	25	300	Drilling
Global Marine Drlg/Glomar High Island III	JU	13.63	10	Nat 1320UE	20	250	Drilling
Global Marine Drlg/Glomar High Island V	JU	13.63	10	Nat 1320UE	20	250	Drilling
Global Marine Drlg/Glomar Main Pass I	JU	13.63	10	Nat 1625DE	25	300	Drilling
Keydril/Key Gibraltar	JU	13.63	10	Otwl E2000	25	300	Stacked
Transworld Drlg/46	S	13.63	5	Emsco EDA460	20	70	Stacked

IVORY COAST

J L Offshore/Dan Duke	JU	13.63	10	Nat 1320UE	20	300	Drilling
Reading & Bates/Douglas Carver	DS	20.00	10	Nat 1625DE	25	750	Drilling
Southeastern Drlg Serv/Sedco J	SS	21.25	2	Otwl E3000	25	800	Drilling

LIBYA

Saipem/Perro Negro 3	JU	13.58	10	Idco E2100	21	300	Drilling
Saipem/Scarabeo 3	SS	18.75	10	Nat 1625	25	1300	Drilling

MOROCCO

Sedco Inc/Sedco H	SS	18.75	10	Otwl 3000	20	600	Drilling

AFRICA (Cont'd)

NIGERIA

Forex Neptune and/or Affil/Belle Isle	B	13.63	5	Emsco 1500UE	18	22	Drilling
Forex Neptune and/or Affil/Lutece	B	13.63	5	Idco 2500E	20	22	Drilling
Forex Neptune and/or Affil/Trident VIII	JU	13.63	10	G-D 1500E	18	300	Drilling
Keydril/Key Bermuda	JU	13.63	10	Otwl 2000	20	200	Drilling
Santa Fe Drlg/Swamp Master	B	13.63	5	Idco 2500E	20	22	Drilling
Santa Fe Drlg/Swamp Queen	B	20.00	5	Nat 1320	20	22	Stacked
Sea Drlg Netherlands/Sedneth I	SS	16.75	5	Otwl E3000	20	600	Drilling
Sedco Inc/Sedco 253	JU	13.63	10	Emsco C2	20	250	Drilling
Western Offshore/Mr Sage	JU	13.63	5	Nat 1320UE	20	200	Drilling

NORTH AFRICA

Maersk Drlg/Maersk Endurer	JU	13.63	10	Otwl E2000	20	250	Drilling

SOMALIA

Pacnorse Drlg SA/Pacnorse I	DS	16.75	10	Emsco C3	25	3000	Drilling

SOUTH AFRICA

Foramer/Actinia	SS	18.75	10	Nat 1625			Drilling
Sedco Maritime/Sedco K	SS	21.25	10	Otwl E3000	25	900	Drilling

TANZANIA

Blocker Drlg & Marine/Vermilion Bay	B	13.63	10		30		Drilling

TUNISIA

Blocker Drlg & Marine/Trinity Bay	B	13.63	10	Idco E3000	30		Stacked
Global Marine Drlg/Glomar High Island VIII	JU	13.63	10	Nat 1320UE	20	250	Drilling
Keydril/Galveston Key	JU	13.63	10	Emsco C3 Type 2	30	300	Stacked

ASIA PACIFIC

AUSTRALIA

Atwood Oceanics Pacific/Energy Searcher	DS	18.75	10	G-D 3000E	25/5"	1500	Drilling
Atwood Oceanics Pacific/Regional Endeavour	DS	18.75	10	Nat 1320UE	20/5"	1500	Drilling
Diamond M/Epoch	SS	16.75	10	Otwl E3000	30	1200	Stacked
Foramer/Nymphea	SS	18.75	10	Nat 1625			Drilling
Global Marine Drlg/Glomar Main Pass III	JU	13.63	10	Nat 1625DE	25	300	Drilling
Lofland Bros/95	P	13.63	5	MC U1220	20		Drilling
Maersk Drlg/Maersk Valiant	JU	13.63	10	Otwl E2000	20	300	Drilling
Ocean Drlg & Expl/Ocean Digger	SS	18.75	10	Emsco A1500	25	600	Drilling
Pool Australia/110	P			I-R 2042	7.5		Stacked
Richter Drlg Pty/10	P	13.63	5	Nat 110UE	16		Drilling
Richter Drlg Pty/12	P	13.63	5	Nat 110UE	16		Drilling
Sedco Inc/Sedco 600	SS	18.75	10	Emsco C2 Type II	20	1800	Drilling
South Seas Drlg/Southern Cross	SS	18.75	10	Otwl E2000	20	1500	Drilling

BORNEO

Rowan Intl/Rowan Fairbanks	B	13.63	5	Nat 1320UE	25	20	Drilling
Rowan Intl/Rowan Morgan City	B	13.63	5	Nat 1320UE	25	20	Drilling

BRUNEI

Foramer/Petrel	DS	16.75	10	Nat 1625DE	25	2000	Drilling
Reading & Bates/Harvey H Ward	JU	13.63	10	Nat 1625	25	300	Drilling
Reading & Bates/I J Pierce	PT	20.00	5	Otwl 840E	18		Drilling
Reading & Bates/J W Nickle	PT	20.00	5	Otwl 840E	18		Drilling
Sedco Inc/Sedco 135A	SS			Otwl E3000	25	600	Stacked
Sedco Inc/Sedco 135E	SS	20.00		Otwl 3000	25	600	Drilling
Southeastern Ocean Drlg/Sedco 135A	SS	13.63	5	Otwl 3000	25	600	Stacked

CHINA

China Natl Offshore Oil Corp/Nan Hai II	SS	18.75	10	Emsco	25	1000	Drilling
Japan Drlg/Hakuryu 9	JU	13.63	10	Nat 1320UE	23.5	186	Drilling
JFP Well Serv/JFP Nine	JU	13.63	10	Otwl 840E	15	150	Stacked
Reading & Bates/Jim Cunningham	SS	18.75	10	Nat 1625DE	25	1500	Drilling
Sedco Inc/Sedco 602	SS	18.75	10	Emsco C2 Type II	20	1800	Drilling
Western Offshore/IX	DS	18.75	10	Nat 1625DE	25	750	Drilling
Zapata Offshore/Zapata Arctic	SS	18.75	15	Emsco C3	25	2000	Drilling

HONG KONG

Western Offshore/VIII	DS	16.75	5	Nat 1625DE	25	600	Drilling

INDIA

Atwood Oceanics Pacific/Gettysburg	B	18.75	10	Nat 1320	20/5"	600	Drilling
Atwood Oceanics Pacific/Shenandoah	JU	13.63	10	Emsco C2	20/5"	300	Drilling
Dixilyn-Field Drlg/DF95	SS	18.75	10	Nat 1625DE	25	800	Drilling
Griffin-Alexander Drlg/G-A I	JU	13.63	10	MC EB1220	25	200	Drilling
Reading & Bates/W T Adams	JU	13.63	10	Nat 1525E	25	300	Drilling
Sedco Intl SA/Sedco 445	DS	16.75	10	Otwl E3000	25	3000	Drilling
Western Oceanic/Western Triton II	JU	13.63	10	Nat 1320	20	250	Drilling
Zapata Offshore/Miss Kitty	JU	13.63	10	Nat 1625	25	300	Drilling

INDONESIA

Atwood Oceanics Pacific/Margie	SS	18.75	10	Nat 1320	20/5"	600	Drilling
Dual Drlg/Rig 38	JU	13.63	5	Otwl E2000	20	300	Drilling
Dual Drlg/Rig 42	JU	13.63	5	Otwl E2000	20	300	Drilling
Foramer/Alligator	T	13.63	10	Nat 110UE	16/5"	450	Drilling

Contractor And • Rig Name or No.	BOP Stack Size (ID) • Type •	BOP Stack Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½ - in. Pipe, 1000 ft. •	Rated Water Depth, •	Status •
ASIA PACIFIC (Cont'd)						
INDONESIA (Cont'd)						
Foramer/Bintang K	B 13.63	10	Nat 1320			Drilling
Forex Neptune and/or Affil/Gavrinis (Rig 37)	B 13.63	5	Nat 110UE	18	25	Drilling
Forex Neptune and/or Affil/Izenah (Rig 38)	B 13.63	5	Nat 110UE	18	25	Drilling
Global Marine Drlg/Glomar Conception	DS 18.75	10	Nat 1625DE	25	600	Drilling
Global Marine Drlg/Glomar Grand Isle	DS 18.75	10	Nat 1625DE	25	600	Drilling
Global Marine Drlg/Glomar Robert F Bauer	DS 18.75	10	Nat 1625DE	25	2500	Drilling
Japan Drlg/Hakuryu IV	JU 13.63	10	Nat 1625DE	29	295	Drilling
Penrod Drlg/93	JU 13.63	10	Nat 1320UE	25	250	Drilling
Reading & Bates/Charley Graves	PT 20.00	10	Nat 1320UE	25		Drilling
Reading & Bates/Chris Seger	JU 29.50	10	Idco 2500	20	210	Drilling
Reading & Bates/D K McIntosh	JU 30.00	10	Nat 1320	20	250	Drilling
Reading & Bates/J W Bates	DS 20.00	10	Nat 1320UE	20	600	Drilling
Reading & Bates/J W McLean	JU 20.00	10	Nat 130	20	225	Drilling
Reading & Bates/W D Kent	P 13.63	5	Nat 1320UE	25		Drilling
Santa Fe Drlg/127	JU 13.63	5	Nat 1320UE	20	250	Drilling
Santa Fe Drlg/134	JU 21.25	10	Nat 1320UE	20	250	Drilling
Zapata Offshore/Enterprise	JU		Emsco C3 Type II	20	200	Drilling
JAPAN						
Dyvi Offshore AS/Dyvi Stena	SS 18.75	15	Emsco C3	25	200	Under Construction
Japan Drlg/Hakuryu II	SS 13.63	10	Emsco C3 Type II	35	656	Drilling
Japan Drlg/Hakuryu V	SS 18.75	10	Emsco C3 Type II	35	1640	Drilling
JFP Well Serv/JFP Eleven	JU 13.38	10	Oilwell E2000	30/5"	350	Stacked
Sonat Offshore Drlg/Henry Goodrich						Under Construction
Sonat Offshore Drlg/Polar Pioneer						Under Construction
MALAYSIA						
Dolphin Titan Intl/140	T 13.63	10	Nat 1320UE	20	225	Drilling
Foramer/Shiloh	T 18.75	5	Nat 1320DE	20	450	Drilling
Forex Neptune and/or Affil/Grand Large	T 13.63	5	G-D 1500UE	18	250	Drilling
Forex Neptune and/or Affil/Trident II	JU 13.63	10	G-D 2100RE	20	350	Drilling
Loffland Bros/46	P 13.63	5	MC U914CE	18		Stacked
Loffland Bros/47	P 13.63	5	MC U914	18		Standby
Pool Australia/448	P		Idco H725	7.5		Drilling
Pool Australia/450	P		Idco 1700E	20		Drilling
Reading & Bates/D R Stewart	JU 13.63	10	Oilwell E3000	25	300	Drilling
Sonat Offshore Drlg/Discoverer III	DS 18.75	10	Nat 1625	20	600	Drilling
SINGAPORE						
Atlantic Drlg/Benlomond	DS 18.75	10	Emsco C2	20/5"	750	Drilling
Atwood Oceanics Pacific/Chancellorsville	DS 18.75	10	Emsco C2	20/5"	1000	Stacked
Atwood Oceanics Pacific/Mission Viking	B 18.75	10	Nat 1625DE	20/5"	700	Stacked
Dolphin Titan Intl/143	T 13.63	10	Emsco A100E	20	150	Stacked
Japan Drlg/Hakuryu III	SS 18.75	10	Emsco C3 Type II	35	1000	Standby
Ocean Drlg & Expl/Ocean Hurricane	DS 18.75	10	Nat 1625	25	600	Stacked
Ocean Drlg & Expl/Ocean Prospector	SS 18.75	10	Emsco C3 Type II	25	1000	Stacked
Reading & Bates/Dickson M Saunders	JU 20.00	5	Nat 80B	15	180	Stacked
Santa Fe Drlg/Santa Fe Explorer	JU 20.00	5	MC U914	15	180	Stacked
Transocean Drlg/Transocean 7	JU 13.63	10	Emsco C3 Type II	25	300	Stacked
Western Offshore/VII	B 18.75	5	G-D 2100RE	25	600	Stacked
TAIWAN						
J L Offshore/Danwood Ice	DS 18.75	10	Nat 1320UE	20	1000	Drilling
THAILAND						
Great Eastern Drlg & Engrg/Eastern Princess	PT 13.63	5	Emsco C2	20	400	Drilling
Great Eastern Drlg & Engrg/Eastern Queen	PT 13.63	5	Emsco C2	20	400	Drilling
Great Eastern Drlg & Engrg/Seacrest	DS 18.75	10	Oilwell E3000	25	1000	Drilling
CANADA						
UNDESIGNATED						
Canadian Marine Drlg/SSDC	S 13.63	10	Nat 1625	22		Stacked
Sonat Offshore Drlg/John Shaw	SS 18.75	10	Emsco C3 Type II	25	1500	Drilling
NEWFOUNDLAND						
Bow Valley Offshore Drlg/Bow Drill 3	SS 18.75	15	Nat 1625	/25	1500	Drilling
Sedco Maritime/Sedco 706	SS 18.75	10	Oilwell E3000	25	1300	Drilling
NORTHWEST TERRITORIES						
Canadian Marine Drlg/Canmar Explorer I	DS 18.75	10	Idco 2100E	25/5"	600	Drilling
Canadian Marine Drlg/Canmar Explorer II	DS 18.75	10	Idco 2100E	25/5"	600	Drilling
Canadian Marine Drlg/Canmar Explorer III	DS 18.75	10	Nat 1625DE	25/5"	1500	Drilling
Canadian Marine Drlg/Canmar Explorer IV	DS 18.75	10	Emsco C3	20/5"	607	Drilling
Canadian Marine Drlg/CBIR 1	SS 20.75	3	Emsco C3	25/5"	26	Stacked
Canadian Marine Drlg/CBIR 2	SS 20.75	3	Nat 1625DE	/5"	26	Stacked
NOVA SCOTIA						
Bow Valley Offshore Drlg/Bow Drill One	SS 18.75	10	G-D 3000E	25	1200	Drilling
Bow Valley Offshore Drlg/Bow Drill 2	SS 18.75	15	Nat 1625	/25	1500	Drilling
Global Marine Drlg/Glomar Labrador I	JU 13.63	15	Nat 1625DE	25	300	Drilling
Marine Drlg SA/Sedco 709	SS 18.75	10	Oilwell E3000	25	6000	Drilling
Rowan Co/Rowan Gorilla I	JU 13.63	10	Nat 1625UE	25	328	Drilling
Rowan Co/Rowan Juneau	JU 13.63	15	Nat 1625	25	300	Drilling
Sedco Inc/706	SS 18.75	10	Oilwell E3000	25	1000	Drilling
Sedco Inc/709	SS 18.75	10	Oilwell E3000	25	6000	Drilling
Sedco Inc/710	SS 13.63	15	Oilwell E3000	25	5000	Drilling
Zapata Offshore/31	JU 13.63	15	Nat 1625DE	25	200	Drilling

Contractor And • Rig Name or No.	BOP Stack Size (ID) • Type •	BOP Stack Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½ - in. Pipe, 1000 ft. •	Rated Water Depth, •	Status •
CANADA (Cont'd)						
ONTARIO						
Underwater Gas Dev/Mr Neil	P 10.00		Idco H525D	8/3-1/2"	80	Stacked
Underwater Gas Dev/Telesio	DS 8.00		Nat T20	5/3 1/2"	210	Drilling
Underwater Gas Dev/Timesaver II	P 8.00		Emsco GB250T	5/3 1/2"	100	Drilling
EUROPE						
DENMARK						
Dyvi Offshore AS/Dyvi Epsilon	JU 13.63	10	Nat 1320UE	20	210	Drilling
J L Offshore/Dan Earl	JU 13.63	10	Nat 1320UE	20	205	Drilling
Maersk Drlg/Maersk Endeavour	JU 13.63	10	Nat 1320UE	20	251	Stacked
Maersk Drlg/Maersk Explorer	JU 13.63	10	Nat 1320UE	25	205	Drilling
FRANCE						
Foramer/Pelerin	DS 18.75	10	Nat 1625			Standby
Foramer/Pelican	DS 13.63	10	Nat 1625DE	25	1100	Stacked
GREECE						
Penrod Drlg/58	JU 13.63	10	Nat 1625DE	30	210	Stacked
ITALY						
Global Marine Drlg/Glomar Adriatic IV	JU 13.63	10	Nat 1625DE	25	300	Drilling
Global Marine Drlg/Glomar Biscay I	SS 18.75	10	Oilwell E3000	25	1500	Drilling
Global Marine Drlg/Glomar Grand Banks	DS 18.75	10	Nat 1625DE	25	600	Drilling
J L Offshore/Dan Baron	DS 18.75	10	Idco E3000	20	1000	Drilling
Pool-Intairdril/446	P 13.63	5	OIME 1000	10		Drilling
Pool-Intairdril/447	P 13.63	5	OIME 1000	10		Stacked
Reading & Bates/Mr Jack	JU 20.00	10	Oilwell E3000	25	300	Drilling
Reading & Bates/Roger W Mowell	JU 13.63	10	Nat 1625DE	25	300	Drilling
Saipem/Perro Negro	JU 13.63	10	Idco PE2500	21	130	Drilling
Saipem/Perro Negro 2	JU 13.58	10	Oilwell E2000	21	300	Drilling
Saipem/Saipem Due	DS 16.75	5	Nat 1625	25	1000	Drilling
Saipem/Scarabeo 2	SS 18.75	10	Idco PE2500	21	600	Drilling
Saipem/53	P 11.00	10	Idco H525D	7		Drilling
Saipem/90	P 13.58	10	Idco E2100	25		Drilling
MALTA						
Saipem/Scarabeo 4	SS 18.75	10	Nat 1625	25	1300	Drilling
Santa Fe Drlg/Mariner 2	SS 18.75	5	Nat 1320UE	20	600	Stacked
NETHERLANDS						
Deutsche Tiefbohr/T-38 D	P 11.00	10	Wils 75	13/3.5"		Workover
Deutsche Tiefbohr/T-39	P 13.63	3	Sup 400UE	6/3.5"		Workover
Dixilyn-Field Drlg/DF87	JU 13.63	10	Nat 1320UE	25	300	Drilling
Foramer/Platon	JU 13.63	10	Nat 1625			Drilling
Global Marine Drlg/Glomar Adriatic III	JU 13.63	10	Nat 1625DE	25	300	Drilling
J L Offshore/Dan King	JU 13.63	10	Nat 1320UE	20	205	Drilling
Neddrill/Neddrill 3	JU 13.63	10	Emsco C3	20	210	Drilling
Neddrill/Neddrill 4	JU 13.63	10	Emsco C3	20	165	Drilling
Penrod Drlg/64	JU 13.63	10	Nat 1625DE	30	210	Drilling
Penrod Drlg/67	JU 13.63	10	Nat 1625DE	30	210	Drilling
Penrod Drlg/80	JU 13.63	10	Nat UE	30	210	Drilling
Penrod Drlg/81	JU 13.63	10	Nat 1320UE	25	210	Drilling
Reading & Bates/Ron Tappmeyer	JU 13.63	10	Oilwell E3000	20	300	Drilling
Rowan Co/Rowan California	JU 13.63	10	Nat 1625UE	25	300	Drilling
Rowan Co/Rowan Halifax	JU 13.63	10	Nat 1625UE	25	300	Drilling
Transocean Drlg/Transocean 1	JU 11.00	10	Emsco A1500E	20	140	Drilling
Transocean Drlg/Transocean 4	JU 13.63	10	Nat 1320UE	25	160	Drilling
Zapata Offshore/Nordic	JU 13.63	10	Emsco C3 Type II	20	300	Drilling
NORWAY						
Dyvi Offshore AS/Dyvi Beta	JU 13.63	10	Nat 1320UE	20	350	Drilling
Dyvi Offshore AS/Dyvi Delta	SS 18.75	10	Oilwell E3000	25	1500	Drilling
Global Marine Drlg/Moray Firth I	JU 13.63	15	Nat 1625DE	25	300	Drilling
Golar-Nor Offshore AS/Norjarl	SS 18.75	10	Nat 1625DE	20/5"	1000	Stacked
Golar-Nor Offshore AS/Nortrym	SS 18.75	10	Nat 1625DE	20/5"	1150	Drilling
Intl Chandlers/Sedco SP85	SS				1500	Maintenance
Marco AS/2/4 E	P 13.63	5	Emsco C3			Maintenance
Marco AS/2/7 C	P 13.63	5	MC U1220B			Maintenance
Marco AS/7/11 COD	P 13.63	5	Idco E2100			Maintenance
Marco AS/1/6 Alpha	P 13.63	10	Nat 1320UE	20		Maintenance
Marco AS/2/4 Alpha	P 13.63	5	Emsco A1500E			Maintenance
Marco AS/2/4 Bravo	P 13.63	5	Emsco A1500E			Maintenance
Marco AS/2/4 Delta	P 13.63	5	Emsco C2			Workover
Marco AS/2/7 Alpha	P 13.63	5	Nat 110UE			Workover
Marco AS/2/7 Bravo	P 13.63	5	MC U1220EB			Drilling
Marco AS/2/4 Charlie	P 13.63	5	Oilwell 940E			Maintenance
Marco AS/2/4 Foxtrott	P 13.63	10	Nat 1320UE			Maintenance
Neddrill/Neddrill Trigen	JU 13.63	15	Nat 1625DE	25	360	Drilling
Odfjell Drlg & Consulting/Deepsea Bergen	SS 18.75	10	Nat 1625DE	30	1500	Drilling
Odfjell Drlg & Consulting/Deepsea Pioneer	SS 18.75	10	Nat 1625DE	30	1500	Under Repair
Odfjell Drlg & Consulting/101	P 13.63	5	Nat 1320UE	20	475	Drilling
Ross Drlg/Ross Isle	SS 18.75	10	Oilwell E3000	25	1500	Drilling
Smedvig Drlg/West Vanguard	SS 18.75	10	Emsco 3000	25	1500	Drilling
Smedvig Drlg/West Venture	SS 18.75	10	Emsco 3C	25	1200	Under Repair
Wilh Wilhelmsen/Treasure Saga	SS			25	1500	Drilling
Wilh Wilhelmsen/Treasure Scout	SS		MC U1220EB	25	1500	Drilling
Wilh Wilhelmsen/Treasure Seeker SS	SS	15	Emsco C3 Type II	25	1250	Drilling
Zapata Offshore/Whittington	SS 18.75	10	Nat 1625DE	25	1250	Drilling

Contractor And • Rig Name or No.	BOP Stack Type •	BOP Stack Size (ID) •	BOP Stack Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½ - in. Pipe, 1000 ft. •	Rated Water Depth •	Status •
EUROPE (Cont'd)							
PORTUGAL							
Sedco Inc/Sedco 150	JU	13.63	5	Emsco A800RE	10	150	Stacked
Sedco Inc/Sedco 252	JU	13.63	10	Oilwell E2000	20	250	Stacked
SPAIN							
Atlantic Drlg/Benreoch	SS	18.75	15	Nat 1625DE	25/5"	1500	Drilling
Jebsens Drlg/Ali Baba	SS	18.75	10	Nat 1625DE	25	1000	Drilling
KCA Drlg/Polly Bristol	DS	18.75	10	Nat 1625DE	25	4500	Drilling
Ocean Drlg & Expl/Ocean Voyager	SS	13.63	5	Emsco C3 Type II	25	1200	Drilling
Ocean Drlg Serv/Sedco 601	SS	18.75	10	Emsco C2	20	1500	Drilling
UNITED KINGDOM							
Atlantic Drlg/Bendoran	SS	21.25	2	Nat 1625DE	25/5"	660	Drilling
Atlantic Drlg/Benurackie	SS	21.25	2	Nat 1625DE	25/5"	660	Drilling
Atlantic Drlg/Ocean Benloyal	SS	13.63	10	Nat 1625DE	25/5"	660	Drilling
Bawden Drlg/32	P	10.00	3	Oilwell 700	9		Drilling
Bawden Drlg/34	P	13.63	5	Nat 1320UE	22		Drilling
Bawden Drlg/35	P	16.63	5	Nat 1320UE	20		Drilling
Bawden Drlg/39	P	13.63	5	Nat 1320UE	22		Drilling
Bawden Drlg/40	P	13.63	5	Nat 1320UE	20		Drilling
Bawden Drlg/41	P	13.63	5	Nat 1320UE	20		Drilling
Bawden Drlg/42	P	13.63	5	Nat 1320UE	22/5"		Drilling
Bawden Drlg/43							Drilling
Bawden Drlg/44							Drilling
Bawden Drlg/45							Workover
Bawden Drlg/46							Workover
British Gas Corp/Morcambe Flame	JU	13.63	5	Nat 80UE		150	Drilling
Deutsche Tiefbohr/T-20	P	13.63	10	Nat 1320UE	18	460	Workover
Deutsche Tiefbohr/T-21	P	13.63	10	Nat 1320UE	18	460	Drilling
Deutsche Tiefbohr/T-25	P	13.63	10	Nat 1320UE	18	510	Drilling
Dixilyn-Field Drlg/DF96	SS	18.75	10	Nat 1625DE	25	1200	Drilling
Dixilyn-Field Drlg/DF97	SS	18.75	10	Emsco C1112	25	1200	Drilling
Dyvi Offshore AS/Dyvi Gamma	JU	13.63	10	Nat 1320UE	20	350	Accom
Dyvi Offshore AS/Dyvi Omega	SS	18.75	10	Oilwell E3000	25	1500	Drilling
Dyvi Offshore AS/Dyvi Sigma	JU	13.63	10	Nat 1320UE	20	210	Drilling
Forex Neptune and/or Affil/Drill Star	SS	18.75	15	Nat 1625DE	25	1500	Drilling
Forex Neptune and/or Affil/Pentagone 84	SS	13.63	10	G-D 3000E	25	1050	Drilling
Forex Neptune and/or Affil/Trident X	JU	21.25	2	Nat 1525DE	25	300	Drilling
Forex Neptune and/or Affil/Trident XI	JU	21.25	2	Nat 1625DE	25	300	Drilling
Global Marine Drlg/Glomar Biscay II	SS	18.75	10	Nat 1625DE	25	600	Drilling
Houlder Marine Drlg/Bay Driller	JU	18.63	5	Nat 80UE	10	200	Accom
Houlder Marine Drlg/High Seas Driller	SS	18.75	15	Nat 1625E	25/5"	1500	Drilling
Houlder Marine Drlg/Shelf Driller	JU	13.63	10	Nat 1625E	25/5"	300	Drilling
Jebsens Drlg/Aladdin	SS	21.25	2	Oilwell E3000	25	600	Drilling
Jebsens Drlg/Sinbad Saxon	SS	13.63	10	Oilwell E3000	25	600	Drilling
Kingsnorth Marine/Dundee Kingsnorth	SS	18.75	10	Nat 1625DE	24		Drilling
Kingsnorth Marine/Kingsnorth UK	SS	18.75	10	Nat 1625DE	24		Drilling
KCA Drlg/51	P	13.63	5	Nat 1320UE	20		Drilling
KCA Drlg/52	P	13.63	5	Nat 1320UE	20		Standby
KCA Drlg/53	P	13.63	5	Nat 1320UE	20		Standby
Loffland Bros/43	P	13.63	10	Idco E3000	20		Drilling
Loffland Bros/81	P	13.63	5	MC U1220EB	20		Drilling
Loffland Bros/82	P	13.63	5	MC U1220EB	20		Drilling
Loffland Bros/83	P	13.63	5	MC U1220EB	20		Drilling
Loffland Bros/84	P	13.63	5	MC U1220EB	20		Drilling
Ocean Drlg & Expl/Benloyal	SS	13.63	10	Nat 1625		1100	Drilling
Ocean Drlg & Expl/Ocean Bounty	SS	16.75	10	Emsco C3 Type II	25	1200	Drilling
Ocean Drlg & Expl/Ocean Kokuei	SS	13.63	10	Emsco C3 Type II	25	600	Drilling
Ocean Drlg & Expl/Ocean Liberator	SS	18.75	10	Nat 1625DE	25	1000	Drilling
Ocean Drlg & Expl/Ocean Nomad	SS	18.75	10	Nat 1625	25	1200	Drilling
Ocean Drlg & Expl/Ocean Victory	SS	13.63	10	Emsco C3 Type II	25	600	Drilling
Penrod Drlg/85	JU	13.63	10	Nat 1320UE	25	250	Drilling
Penrod Drlg/92	JU	13.63	10	Nat 1320UE	25	220	Drilling
Reading & Bates/F G McClintock	JU	20.00	10	Oilwell E3000	25	300	Drilling
Reading & Bates/M G Hulme Jr	SS	18.75	10	Nat 1625	25	1500	Drilling
Rowan Intl/Arch Rowan	JU	13.63	10	Nat 1625	25	300	Drilling
Rowan Intl/Cecil Provine	JU	13.63	10	Nat 1625	25	300	Drilling
Rowan Intl/Charles Rowan	JU	13.63	10	Nat 1625	25	300	Drilling
Rowan Intl/Gilbert Rowe	JU	13.63	10	Nat 1625	25	300	Drilling
Santa Fe Drlg/Britannia	JU	20.00	10	Nat 1320DE	20	160	Drilling
Santa Fe Drlg/82	P	20.00	5	Nat 1320UE	20		Drilling
Santa Fe Drlg/111	P	21.75	5	Oilwell 3000E	20		Drilling
Santa Fe Drlg/135	SS	18.75	15	Oilwell E3000	25	1500	Drilling
Santa Fe Drlg/140	SS	18.75	15	Oilwell E3000	25	1500	Drilling
Sea Drlg Netherlands/Sedneth 701	SS	18.75	15	Oilwell E3000	25	2000	Drilling
Sedco Inc/Sedco 472	DS	16.75	10	Oilwell E3000	25	6000	Drilling
Sedco Inc/Sedco 711	SS	13.63	15	Oilwell E3000	25	1500	Drilling
Sedco Inc/Sedco 714	SS	18.75	15	Oilwell E3000	25	1500	Drilling
Sonat Interocean Drlg SA/Interocean II	JU	13.63	10	Emsco C2	20	307	Drilling
Sonat Offshore Drlg/Chris Chenery	SS	18.75	10	Nat 1625DE	20	600	Drilling
Southeastern Drlg Serv/Sedco 700	SS	21.25	10	Oilwell E3000	25	1500	Drilling
Southeastern Drlg Serv/Sedco 703	SS	18.75	10	Oilwell 3000	25	2000	Drilling
Southeastern Drlg Serv/Sedco 704	SS	18.75	10	Oilwell 3000	25	1500	Under Repair
Southeastern Drlg Serv/Sedco 707	SS	21.25	2	Oilwell E3000	25	2000	Drilling
Transocean Drlg/Transocean 6	JU	13.63	10	Emsco C3 Type II	20	300	Drilling
Transworld Drlg/58	SS			Emsco C3000	25	600	Production
Western Oceanic/Apollo I	JU	13.63	10	Emsco C3	20	300	Drilling
Western Oceanic/Apollo II	JU	13.58	10	Emsco C3	20	300	Drilling
Western Oceanic/Western Pacesetter I	SS	18.75		Nat 1625DE	25	600	Drilling
Western Oceanic/Western Pacesetter II	SS	18.75	10	Nat 1625DE	25	1200	Drilling
Western Oceanic/Western Pacesetter IV	SS	18.75	10	Emsco C3 Type II	25	1500	Drilling
Wilh Wilhelmsen/Treasure Hunter	T						Drilling
Wilh Wilhelmsen/Treasure Finer	T					1000	Drilling
Wilh Wilhelmsen/Treasure Supporter	T					600	Drilling
Wilh Wilhelmsen/Treasure Swan	SS					2500	Drilling

Contractor And • Rig Name or No.	BOP Stack Type •	BOP Stack Size (ID) •	BOP Stack Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½ - in. Pipe, 1000 ft. •	Rated Water Depth •	Status •
EUROPE (Cont'd)							
WEST GERMANY							
Deutsche Tiefbohr/T-24	P	13.63	10	Nat 80BUE	13		Stacked
Transocean Drlg/Transocean 2	JU	13.63	10	Nat 1625DE	20	150	Stacked
MIDDLE EAST							
QATAR							
Forex Neptune and/or Affil/Trident VI	JU	13.63	10	G-D 1500E	18	300	Drilling
SAUDI ARABIA							
Arabian Drlg/Arabdrill 2	T			Nat 110			Drilling
Arabian Drlg/Arabdrill 8	JU	13.63	5	Nat 110UE	20	150	Drilling
Loffland Bros/Ocean Master V	JU			MC U914EC	18	160	Drilling
Loffland Bros/Ocean Master VI	JU			MC U914EC	18	160	Drilling
Loffland Bros/Ocean Master VII	JU			MC U914EC	18	160	Drilling
Loffland Bros/Ocean Master VIII	JU			MC U914EC	18	160	Drilling
Loffland Bros/Oceanmaster III	JU	13.66	3	MC U712A	14	160	Stacked
Loffland Bros/Orville Fisher	P	13.63	5	MC U914C	18	160	Stacked
Maersk Drlg/Maersk Venturer	JU	13.63	10	Oilwell E2000	20	300	Drilling
Maersk Drlg/Maersk Voyager	JU	13.63	10	Oilwell E2000	20	300	Drilling
Pool Arabia/142	JU	13.63	5	Nat 80B	12	150	Stacked
Pool Arabia/143	JU	10.00	5	OIME 1000	12.5	160	Stacked
Pool Arabia/144	JU	13.63	5	OIME 1000E	10	160	Stacked
Pool Arabia/145	JU	13.63	5	Idco ED1200	13	160	Drilling
UNITED ARAB EMIRATES							
Atwood Oceanics Pacific/Buli Run	T	13.63	5	Nat 1320UE	20/5"	400	Drilling
Atwood Oceanics Pacific/Williamsburg	PT	13.63	5	Emsco C	20/5"	300	Stacked
Foramer/Ile de France	JU	13.63	5	Nat 1625DE	25	200	Drilling
Foramer/Ile du Levant	JU	13.63	5	Nat 1320DE	20	150	Drilling
Foramer/Tourmalines	JU	10.00	5	Nat 80B	12	100	Stacked
Forex Neptune and/or Affil/Trident III	JU	13.63	5	G-D 2100E	20	300	Drilling
Forex Neptune and/or Affil/Trident V	JU	10.00	5	Idco E900	10	150	Stacked
Japan Drlg/Hakuryu VI	JU	13.63	5	Nat 1320UE	23.5	180	Drilling
Japan Drlg/Hakuryu VII	JU	13.63	10	Nat 1320UE	23.5	186	Drilling
Japan Drlg/Hakuryu 8	JU	13.63	10	Nat 1320UE	23.5	186	Drilling
Loffland Bros/Ocean Master IV	JU	13.66	3	MC U914	18	110	Drilling
Maersk Drlg/Maersk Vanguard	JU	13.63	10	Oilwell E2000	20	300	Drilling
Maersk Drlg/Maersk Victory	JU	13.63	10	Oilwell E2000	20	300	Drilling
National Drlg/Al Ghallan	JU	13.63	5	Nat 1320UE	20	120	Under Repair
National Drlg/Al Ittihad	JU	13.63	10	Nat 1320UE	20	150	Drilling
National Drlg/Al Yasat	JU	13.63	5	Nat 1320UE	20	170	Drilling
National Drlg/Diyina	JU	13.63	5	Nat 1320UE	20	170	Drilling
National Drlg/Junana	JU	13.63	10	Nat 1320UE	20	140	Drilling
National Drlg/Yernilah	JU	13.63	10	Nat 1320UE	20/5"	220	Drilling
Ocean Drlg Serv/Sedco 160	JU	13.63	10	Emsco C2	25	160	Drilling
Ocean Drlg Serv/Sedneth II	JU	13.63	10	Oilwell 3000E	25	200	Drilling
Ocean Drlg Serv/Sedneth 201	JU	13.63	10	Emsco C2	25	200	Drilling
Ocean Drlg Serv/Sedneth 202	JU	13.63	10	Emsco C2	25	200	Drilling
Ocean Drlg Serv/75	JU	13.63	5	Oilwell 96	16	100	Drilling
Penrod Drlg/56	JU	13.63	10	Nat 1625DE	30	150	Stacked
Penrod Drlg/57	JU	13.63	10	Nat 1625DE	30	150	Stacked
Santa Fe Drlg/103	JU	20.00	5	Emsco C2	20	250	Drilling
Sedco Inc/Sedco 160	JU				20	160	Drilling
Sonat Offshore Drlg/Enterprise	JU	18.63	2	Nat 130		120	Maintenance
Sonat Offshore Drlg/Hustler	JU	12.00	5	Emsco A550	10	90	Drilling
Sonat Offshore Drlg/Jubilee	JU	13.63	5	Emsco A1500E	20	225	Stacked
Sonat Offshore Drlg/North Star	JU	13.63	5	Nat 1320DE	20	200	Stacked
Sonat Offshore Drlg/Offshore Antares	JU	13.38	5	Nat 130	15	115	Drilling
Sonat Offshore Drlg/Offshore Bahram	JU	13.63	5	Idco ED1200	20	200	Stacked
Sonat Offshore Drlg/Offshore Jupiter	JU	13.63	5	Emsco C1 Type II	16	130	Drilling
Transocean Drlg/Transocean 5	JU	13.63	10	Nat 1625	25	300	Drilling
Transworld Drlg/63	JU	13.63	5	Emsco C3 Type II	25	250	Stacked
Western Oceanic/Apollo III	JU	13.63	10	Emsco C3II	20	300	Drilling
Western Oceanic/Apollo IV	JU	13.63	10	Emsco C350	20	400	Drilling
Zapata Offshore/Bonito II	JU	13.63	10	Nat 1625	25	300	Drilling
Zapata Offshore/Chaparral	JU	13.63	10	Oilwell 3000E	25	240	Drilling
Zapata Offshore/Heron	JU	13.63	10	Nat 1625DE	25	300	Production
Zapata Offshore/Topper II	JU	13.63	5	Nat 110UE	16.5	115	Drilling
Zapata Offshore/33	JU	13.63	10	Nat 1320	20	250	Drilling
SOUTH AMERICA							
ARGENTINA							
Reading & Bates/George H Galloway	JU	13.63	10	Nat 1625DE	25	300	Under Construction
Rio Colorado S A/Rio Colorado I	JU	13.63	5	Nat 1320UE	20	300	Stacked
BRAZIL							
Dolphin Titan Intl/141	P	13.63	5	U1220EB	25	300	Drilling
Dolphin Titan Intl/142	PT	13.63	10	Emsco A1500	20	250	Stacked
JFP Well Serv/JFP Seven	JU	13.63	1	Oilwell E2000	25/5"	300	Drilling
Keydril/Key West	JU	13.63	10	Emsco C3 Type 2	30	350	Drilling
Maersk Drlg/Maersk Pioneer	SS	18.75	10	Emsco C2 Type II	20	600	Drilling
Marlin Drlg/Marlin 14	JU	13.63	1	Nat 1625DE	25	150	Drilling
Montreal Engenharia/Montreal III	JU	13.38	10	Nat 1320UE	21	250	Drilling
Montreal Engenharia/Montreal IV	JU	13.38	10	Nat 1625DE	25	300	Drilling
Ocean Drlg & Expl/Ocean Cyclone	DS	16.75	5	Nat 1625	25	600	Drilling
Ocean Drlg & Expl/Ocean Zephyr	SS	21.25	10	Emsco C3 Type II	25	600	Drilling
Ocean Drlg & Expl/Zephyr II	SS	21.25	10	Nat 1623	25	600	Drilling

SOUTH AMERICA (Cont'd)

BRAZIL (Cont'd)

ODEBRECHT PERFURACOES LTDA
Rua da Glória, 10° andar – Glória
CEP 20241 – Rio de Janeiro, RJ BRASIL
Telex (021) 33197 ODEI-BR
Telephone (021) 221-0860

Contractor And • Rig Name or No.	BOP Stack Size (ID) • Type •	BOP Stack Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½ - in. Pipe, 1000 ft. •	Rated Water Depth •	Status •
Odebrecht Perfuracoes/Itapoa	T				25	Stacked
Odebrecht Perfuracoes/Norbe I	JU 13.63	10	Nat 1320UE	25	300	Drilling
Odebrecht Perfuracoes/Plata	T				25	Drilling
Penrod Drig/62	JU 13.63	10	Nat 1625DE	30	330	Production
Penrod Drig/71	SS 13.63	10	Nat 1625	30	1000	Production
Sedco Inc/Sedco 135F	SS 13.63	10	Otwl E3000	25	600	Production
Sedco Inc/Stallo	SS 13.63	5	Nat 1625DE	20	600	Production
Sedco Intl SA/Sedco 135D	SS 18.75	5	Otwl 3000E	25	800	Production
Sonat Interocean Drig SA/Interocean Discoverer	DS 18.75	10	Emsco C2 Type II	20	1500	Drilling
Sonat Offshore Drig/Orion	JU 13.63	10	Nat 1320DE	20	275	Production
Transworld Drig/61	SS 13.63	10	Emsco A1500E	20	600	Production

TRIANGLE DRILLING LTD.
Grand Cayman, BWI
Mailing Address:
Rua da Glória, 10° andar – Glória
CEP 20241 – Rio de Janeiro, RJ BRASIL
Telex (021) 33197 ODEI-BR

Triangle Drig/Norbe II	JU	13.63	10	Otwl 3000E	25	300	Drilling
Triangle Drig/Norbe III	JU	13.63	10	Nat 1625UE	25	290	Under Repair
CHILE							
Diamond M/Magallanes	JU	13.63	5	Otwl E2000	20	150	Drilling
Diamond M/Nugget	JU	13.63	5	Otwl E3000	30	300	Drilling
TRINIDAD & TOBAGO							
Dolphin Titan Intl/130	P	13.63	10	G-D 2100E	25		Drilling
Pool Santana/418	P	10.00	5	OIME	6		Drilling
Santa Fe Drig/Bluewater No 3	SS	18.75	10	Nat 1625DE	25	600	Stacked
Skinner Marine/Skinmar I	P	13.63	10	Otwl E2000	20	185	Stacked
Skinner Marine/Skinmar IV	P	13.63	5	Otwl 840E	16	185	Stacked
Skinner Marine/Skinmar V	P	13.63	5	Otwl 760E	12		Stacked
Skinner Marine/Skinmar VI	P	13.63	5	Otwl 760E	12	185	Drilling
Skinner Marine/Skinmar VII	P	13.63	5	Otwl 840E	16	88	Drilling
Skinner Marine/7		7.06	3	Idco H20	3.5		Stacked
Skinner Marine/14		7.06	3	Idco H25	4		Stacked
Tropic Shipping Ent/DS Tainaron	DS	18.75	10	Nat 1320UE	30	1000	Stacked
Well Services/6	P	13.63	6	Nat 80B	12		Stacked
Well Services/7	P	13.63	6	S/B 4210	8		Stacked
VENEZUELA							
Loffland Bros/R-71	B			Idco H25			Drilling
Loffland Bros/V-101	B	6.00	5	Idco 711	10		Stacked
Loffland Bros/V-105	B	10.00	5	MC U814B	18		Drilling
Loffland Bros/V-114	B	10.00	5	MC U814C	18		Stacked
Santa Fe Drig/Orinoco I	B	21.25	10	Otwl E2000	20	20	Stacked
Santa Fe Drig/Reina Del Lago	B	12.00	3	Nat 80E	14	100	Drilling
Santa Fe Drig/Rey Del Lago	B	12.00	3	Nat 80E	14	100	Drilling

UNITED STATES

ALABAMA-UNDESIGNATED							
Atwood Oceanics Pacific/Vicksburg	JU	13.63	10	Emsco C2	20/5"	300	Drilling
Diamond M/Century	SS	18.75	10	Otwl E3000	30	600	Under Repair
Global Marine Drig/Glomar High Island IV	JU	13.63	10	Nat 1320UE	20	250	Drilling
Sedco Undersea Drig/Sedco 471	DS	18.75	10	Otwl E3000	25	6000	Stacked
ALABAMA-MOBILE BAY							
Chiles Drig/Seabee	JU	13.63	10	Nat 1625DE	25	250	Drilling
Penrod Drig/94	JU	13.63	10	Nat 1320UE	25	250	Drilling
Penrod Drig/202	S	13.63	10	Nat 1320UE	25		Drilling
Penrod Drig/203	S	13.63	10	Nat 1320UE	25		Drilling
Temple Drig/Tejas	B	13.63	10	Idco E3000	30	18	Drilling
ALASKA-UNDESIGNATED							
Parker Drig/217							
Sedco Inc/708	SS	18.75	10	Otwl E3000	25	1200	Drilling
Sedco Inc/712	SS	18.75	10	Otwl E3000	25	1500	Drilling
Sedco Maritime/Sedco 708	SS	18.75	10	Otwl E3000	25	2000	Drilling
ALASKA-BIRCH							
Keydril/Key Hawaii	JU	13.63	10	Nat 1625DE	25	300	Drilling

UNITED STATES (Cont'd)

Contractor And • Rig Name or No.	BOP Stack Size (ID) • Type •	BOP Stack Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½ - in. Pipe, 1000 ft. •	Rated Water Depth •	Status •
ALASKA-NORTON SOUND						
Rowan Co/Rowan Middletown	JU 13.63	10	Nat 1625		300	Drilling
CALIFORNIA-UNDESIGNATED						
Diamond M/Eagle	SS 18.75	10	Otwl E3000	30	2000	Drilling
Diamond M/Falcon	SS 18.75	10	Otwl E3000	30	2000	Drilling
Diamond M/General	SS 18.75	10	Otwl E3000	30	1200	Drilling
Fluor Drig Serv/XI	P 11.00	5	Nat 110UE	16		Workover
Global Marine Drig/Glomar Atlantic	DS 18.75	10	Nat 1625DE	25	2000	Drilling
Global Marine Drig/Glomar Pacific	DS 18.75	10	Nat 1625DE	25	2000	Drilling
Global Marine Drig/Glomar Platform I	P 13.63	5	Nat 110UE	16		Drilling
Global Marine Drig/Glomar Platform II	P 13.63	5	Nat 110UE	16		Drilling
Keydril/Key Singapore	JU 13.63	10	Nat 1625DE	25	300	Drilling
Penrod Drig/96	JU 13.63	10	Nat 1320UE	25		Drilling
Pool Offshore/420	P 13.63	5	OIME 750	8		Stacked
Pool Offshore/421	P 13.63	5	OIME 750	12		Stacked
Pool Offshore/422	P 13.63	5	OIME 750	8		Stacked
CALIFORNIA-SAN PEDRO						
Rowan Co/Rowan-Alaska	JU 13.63	10	Nat 1625DE	30	350	Stacked
CALIFORNIA-SANTA BARBARA						
JFP Well Serv/JFP Three	JU 13.63	10	Otwl E2000	25	300	Drilling
Ocean Drig & Expl/Ocean Odyssey	SS 18.75	15	Emsco C3		1500	Drilling
CALIFORNIA-SANTA BARBARA CHNL						
Pool Offshore/426	P 13.63	5	OIME 750	10		Drilling
Pool Offshore/428	P 13.63	5	Idco 2000	20		Drilling
Pool Offshore/429	P 20.00	3	Idco E2100	16		Drilling
Pool Offshore/430	P 13.63	5	OIME 2000	16		Drilling
CALIFORNIA-VENTURA						
Challenger Drig/830 EOS			Nat 1320DE	22		

Drawworks Manufacturers Abbreviations

Bethlehem Supply Co.	Beth	Lee, Harold Engineering	Lee
Bucyrus-Erie Co.	B-E	Mayhew Supply Co Inc.	May
Cabot Corp Machinery Div.	Cbot	Mid-Continent Supply	MC
Cardwell Mfg. Co.	Crdw	National Supply Co.	Nat
Challenger	Chal	OIME	OIME
Continental Emsco	Emsco	Oilwell Div. (U.S. Steel)	Olwl
Cooper Mfg. Corp.	Coop	OPI Pump Div.	OPI
DeMag Mfg. Co.	DeMg	Quincy Mfg.	Quin
Ellis-Williams	E-W	Salzgitter Maschinen Mfg. Co.	Salt
Ewbank Mfg. Div. Inc.	Ewb	Skytop/Brewster	S/B
George E. Failing Co.	Fail	Spencer-Harris Machine & Tool Co.	S-H
Foramines	Fora	Superior	Sup
Gardner-Denver	G-D	Tri Service Mfg. Co.	TSM
Hacker Machine & Supply Co.	Hack	Wagner-Morehouse Inc.	W-M
Haniel & Lueg	H-L	Walker-Neer Mfg. Co. Inc.	W-N
Hooper Machine Works Inc.	Hoop	Weiss Corp.	Weis
Houston Systems	HS	Wheland Co.	Whln
Howard-Turner Machine Works	HT	Wichtex Machinery Co. Inc.	Wich
Ideco Inc.	Idco	Wilson Mfg. Co. Inc.	Wils
Ingersoll-Rand Co.	I-R	Worth Co.	Worth
Joy Mfg. Co.	Joy		
Justiss-Mears Oil Co.	J-M		

UNITED STATES (Cont'd)

Contractor And • Rig Name or No.	Type •	BOP Stack Size (ID) •	BOP Stack Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½" in. Pipe, 1000 ft. •	Rated Water Depth •	Status •
LOUISIANA-UNDESIGNATED							
Atlantic Pacific Marine/Gulf Commander	JU	13.63	5	Emsco A800WE	14	100	Support
Broughton Offshore Drlg/Broughton II	JU	13.63	10	Oilwell E3000	30	105	Drilling
CRC Mallard/33		6.00			8		Stacked
CRC Mallard/34		6.00			10		Stacked
CRC Mallard/43	P	10.00		Wils 65	14		Stacked
Diamond M/Don E McMahon	JU	13.63	10	Oilwell E2000	25	100	Drilling
Diamond M/Gem	JU	13.63	10	Oilwell E3000	30	300	Drilling
Diamond M/Hunter	SS	18.75	10	Oilwell E3000	30	1500	Drilling
Diamond M/New Era	SS	18.75	10	Oilwell E3000	30	1200	Drilling
Diamond M/16	B	13.63	10	Idco E2500	25	12	Drilling
Diamond M/44	B	13.63	5	Oilwell E3000	25	18	Drilling
Diamond M/45	B	13.63	10	Oilwell E3000	25	18	Drilling
Diamond M/46	B	13.63	10	Oilwell E3000	30	20	Drilling
Diamond M/47	B	13.63	10	Oilwell E3000	30	20	Drilling
Diamond M/99	JU	13.63	10	Oilwell E3000	30	300	Drilling
Dolphin Titan Intl/102	JU	6.00	5	Idco H35D	15	70	Workover
Dolphin Titan Intl/103	JU	10.00	5	Idco H35D	15	70	Workover
Dolphin Titan Intl/105	JU	10.00	10	Nat 610	20	100	Workover
Dolphin Titan Intl/106	JU	10.00	10	Nat 610	20	100	Stacked
Dolphin Titan Intl/128	P	13.63	10	Emsco C3 Type II	25		Drilling
Dolphin Titan Intl/129	P	13.63	10	Emsco C3 Type II	25		Drilling
Forex Neptune and/or Affil/Pentagone 82	SS	13.63	10	Emsco C3UE	25	1050	Stacked
Global Marine Drlg/Glomar Coral Sea	DS	18.75	10	Nat 1625DE	25	1500	Drilling
Global Marine Drlg/Glomar High Island I	JU	13.63	10	Nat 1320UE	20	250	Drilling
Global Marine Drlg/Glomar High Island IX	JU	13.63	10	Nat 1320	20	250	Drilling
Global Marine Drlg/Glomar High Island VI	JU	13.63	10	Nat 1320UE	20	250	Drilling
Global Marine Drlg/Glomar High Island VII	JU	13.63	10	Nat 1320UE	20	250	Drilling
Global Marine Drlg/Glomar Main Pass II	JU	13.63	10	Nat 1625DE	25	300	Drilling
Global Marine Drlg/Glomar Main Pass IV	JU	13.63	10	Nat 1625DE	25	300	Drilling
Helmerich & Payne Intl Drlg/90	P	13.63	5	Oilwell E2000	20		Drilling
Helmerich & Payne Intl Drlg/91	P	13.63	5	Oilwell 2000	20		Drilling
Helmerich & Payne Intl Drlg/100	P	13.63	10	Oilwell E3000	30		Drilling
Houston Offshore Intl/Sabine III	JU	13.63	10	Nat 1320UE	20	200	Standby
Marine Drlg/J Storm I	JU	13.63	10	Nat 130	20	225	Drilling
Marine Drlg/J Storm IV	JU	13.63	10	Nat 1625M	25	250	Drilling
Marine Drlg/J Storm VII	JU	13.63	10	Nat 1625M	25	377	Drilling
Marine Drlg/J Storm XI	JU	13.63	10	Nat 1320	20	200	Drilling
Marine Drlg/J Storm XVII	JU	13.63	10	Nat 1320M	20	250	Drilling
Marlin Drlg/1	PT	13.63	5	Nat 1320DE	20		Stacked
Marlin Drlg/2	P	13.63	5	Nat 1320DE	20		Stacked
Marlin Drlg/9	P	11.00	10	Nat 610E	10		Stacked
Noble Drlg/PB-2	B			Oilwell E3000	25		Stacked
Noble Drlg/24	P	13.63	10	Nat 1625DE	25		Stacked
Noble Drlg/27	P	13.63	10	G-D 1100E	18		Stacked
Noble Drlg/30	P	13.63	10	G-D 1500E	20		Stacked
Noble Drlg/31	P			Oilwell E2000	20		Stacked
Nordrill Intl/Gulfdrill	JU	13.63	10	Emsco C3	25	150	Drilling
Nordrill Intl/Oller	JU	13.63	10	Emsco C2	25	200	Drilling
Nordrill Intl/Steeler	JU	13.63	10	Emsco C3	25	200	Drilling
Ocean Drlg & Expl/Ocean Ruler	JU			Nat 1625	25	250	Drilling
Penrod Drlg/82	JU	13.63	10	Nat 1320DE	25	250	Drilling
Pool Offshore/6	P	10.00	5	Nat T45	7		Stacked
Pool Offshore/10	P	13.63	5	OIME 750	8		Stacked
Pool Offshore/11	P	13.63	5	Nat 110H	16		Stacked
Pool Offshore/14	P			Nat T45	6		Stacked
Pool Offshore/17	P	13.63	5	OIME 1500	16		Stacked
Pool Offshore/23	P	10.00	5	Nat T45	7		Stacked
Pool Offshore/55	JU	13.63	5	Idco E90	12	90	Stacked
Pool Offshore/136	P	13.63	5	Nat 110	16		Stacked
Pool Offshore/142	P			Wils 75-750	10		Stacked
Pool Offshore/453	P	13.63	5	OIME 1500	16		Stacked
Pool Offshore/454	P	13.63	10	OIME 1500	16		Stacked
Pool Offshore/455	P	13.63	5	OIME 1500	16		
Pool Offshore/456	P	13.63	5	OIME 1500	16		Stacked
Pool Offshore Serv/11	P	2.50	5	Wils Super			Workover
Pool Offshore Serv/16	P	2.50	5	Wils Super			Stacked
Pool Offshore Serv/20	B	2.50	5	Wils Super 38		10	Stacked
Pool Offshore Serv/40	P	4.16	10	Hydra LHD135T			Stacked
Pool Offshore Serv/41	P	4.16	10	Hydra LHD135T			Stacked
Quarles Drlg/17	B	11.00	10	Nat 160E	25	20	Stacked
Quarles Drlg/18	B	11.00	10	G-D 800E	14	10	Stacked
Quarles Drlg/21	B	13.63	10	Oilwell 940E	20	30	Stacked
Quarles Drlg/22	B	11.00	10	Oilwell E3000	30	23	Stacked
Quarles Drlg/23	B	13.63	10	Oilwell E3000	30	28	Stacked
Reading & Bates/C E Thornton	JU	13.63	10	Oilwell E3000	25	300	Drilling
Rowan Intl/4	B	13.63	10	Nat 1625DE	30	22	Stacked
Sanders Drlg/1	B	11	5	Emsco A800	16	12	Stacked
Sanders Drlg/2	B	13.63	10	S/B N12A	25	23	Stacked
Santa Fe Drlg/Blue Water 4	SS	18.75	10	Emsco C3	25	1500	Under repair
Sedco Maritime/Sedco 702	SS	21.25	10	Oilwell E3000	25	1200	Drilling
Service Equipment/11	P	11.00	5	Idco E900	14		Stacked
Sonat Offshore Drlg/Discoverer 511	DS	18.75	10	Idco E2100	20	2000	Drilling
Sonat Offshore Drlg/Discoverer 534	DS	18.75	10	Nat 1625DE	20	3000	Drilling
Sonat Offshore Drlg/Offshore Pegasus	JU	13.38	10	Nat 110	16	125	Drilling
Zapata Offshore/32	JU	13.63	10	Nat 1320	20/250		Drilling
Zapata Offshore/Endeavour	JU	13.63	10	Emsco CE3000E	20	215	Drilling
Zapata Offshore/Louisiana	S	13.63	5	Unit U1220BE	20	50	Drilling
Zapata Offshore/Saratoga (27)	SS			Oilwell E3000			Drilling
Zapata Offshore/Zapata Concord	SS	18.75	10	Oilwell E3000	25	2000	Drilling
Zapata Offshore/Zapata Lexington	SS	18.75	10	Oilwell E3000	25	2000	Under Repair
Zapata Offshore/Zapata Yorktown	SS	18.75	10	Oilwell E3000	25	2000	Drilling
Zapata Offshore/29	P	13.63	10	Oilwell E2000	20		Drilling
Zapata Offshore/30	P			MC U1220EB			Drilling
LOUISIANA-AMELIA							
Salen Offshore/Salenergy III	P	13.63	10	MC U1220EB	25		Stacked

Contractor And • Rig Name or No.	Type •	BOP Stack Size (ID) •	BOP Stack Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½" in. Pipe, 1000 ft. •	Rated Water Depth •	Status •
LOUISIANA-ASSUMPTION							
Cliffs Drlg/3	B	13.63	10	MC U1220EB	30		Drilling
LOUISIANA-BAY MARCHAND							
Penrod Drlg/51	S	13.63	10	Emsco A1550E	25	60	Drilling
Pool Offshore/8	P	10.00	5	Nat T45	6		Drilling
Temple Drlg/Apache	JU	13.63	10	Oilwell E3000	25	55	Drilling
LOUISIANA-BELLE CHASSE							
Ocean Drlg & Expl/Ocean Tempest	DS	16.75	10	Nat 1625DE	25	600	Stacked
LOUISIANA-BRETON SOUND							
Transworld Drlg/44	S	13.63	5	Idco 1350S	18	40	Drilling
LOUISIANA-CAMERON							
Atlantic Pacific Marine/15							Drilling
Bay Drlg/St John	B	10.00	5	Nat 1625M	25	11	Drilling
CRC Mallard/1	B			Wils 90	9		Workover
CRC Mallard/3	B			Nat 55	9		Workover
CRC Mallard/15	B	10.00	5	Wils 90	12	14	Drilling
CRC Mallard/16	B	10.00	5	Wils 90	12	14	Drilling
CRC Mallard/19	B	10.00	5	Wils 90	12	14	Drilling
Glendel Drlg/Mr Glen	B	13.63	10	S/B NE12	25	12	Drilling
Magnum Marine/Mr Demp	JU	13.63	10	G-D 2100E	25	250	Stacked
Pool Offshore/51	JU	10.00	5	OIME 750	10	80	Stacked
Two R Drlg/Two R-16	B			Emsco C3	25	12	Drilling
Two R Drlg/Two R-18	B			Emsco C3	25	12	Drilling
Two R Drlg/Two R-21	B			Emsco C3	25	12	Drilling
LOUISIANA-COCODRIE							
Bay Drlg/Caillou	B	11.00	5	Emsco B3661	25	10	Stacked
LOUISIANA-EAST CAMERON							
Griffin-Alexander Drlg/IV	JU	13.63	10	MC EB 1220	25	200	Drilling
Keyes Offshore/Keyes 200	JU	13.63	10	Emsco C2	20	200	Drilling
Keyes Offshore/Keyes 50	JU	13.63	10	Emsco C1	16	150	Drilling
Martin Drlg/10	P	11.00	10	Nat 610E	10		Drilling
Ocean Drlg & Expl/Ocean Leader	JU	13.63	5	Nat 130	25	175	Drilling
Penrod Drlg/65	JU	13.63	10	Emsco C3	30	210	Drilling
Pool Offshore/2	P	10	5	Nat T45	7		Drilling
Pool Offshore/452	P	13.63	5	OIME 1500	8		Drilling
Reading & Bates/Randolph Yost	JU	13.63	10	Oilwell E3000	20	300	Drilling
Salen Offshore/Salenergy I	JU	13.63	10	MC U1220EB	20	250	Drilling
LOUISIANA-EUGENE ISLAND							
Chiles Drlg/Yucatan	JU	13.63	10	Nat 1625DE	25	300	Drilling
Dixilyn-Field Drlg/85	JU	13.63	10	Nat 1320UE	20	200	Drilling
Dual Drlg/16	P	13.58	5	Nat 1320UE	25		Drilling
Griffin-Alexander Drlg/III	JU	13.63	10	MC EB1200	25	250	
Nicklos Drlg/82	P			Oilwell E2000	20		Drilling

ODECO
1600 Canal St.–P.O. Box 61780
New Orleans, LA 70161 504/561-2811

Ocean Drlg & Expl/Ocean Driller	SS	13.63	10	Emsco C2	25	800	Drilling
Penrod Drlg/67	JU	13.63	10	Nat 1320UE	25		Drilling
Pool Offshore/50	JU	10.00	5	OIME 750	10	80	Drilling
Pool Offshore/54	JU	13.63	5	Idco E90	12	90	Drilling
Pool Offshore/80	P	13.63	5	Idco 2000	20		Drilling
Reading & Bates/63	P	13.63	10	Oilwell E3000	25		Drilling
Transworld Drlg/70	S	13.63	10	Oilwell E3000	25	100	Drilling
LOUISIANA-EWING BANK							
Ocean Drlg & Expl/Ocean Endeavour	SS	18.75	10	Emsco C3 Type II	25	1000	Drilling
LOUISIANA-GRAND ISLE							
Chiles Drlg/Gulfwind	JU	13.63	10	Nat 1320UE	18	150	Drilling
Chiles Drlg/I	P	13.63	10	Nat 1320UE	20		Drilling
CRC Mallard/45	P	10.00		Wils 65	8		Drilling
Dual Drlg/29	P	13.63	10	Emsco C3	30		Drilling
Keyes Offshore/Keyes 250	JU	13.63	10	Emsco C2	20	250	Drilling
Pool Offshore Serv/4	P	2.50	5	Wils Super			Workover
Pool Offshore Serv/8	P	2.50	5	Wils Super 38			Workover
Pool Offshore Serv/12	P	2.50	5	Wils Super			Workover
Pool Offshore Serv/15	P	2.50	5	Wils Super 38			Workover
Rowan Co/Rowan-Texas	JU	13.63	10	Nat 1320UE	25	225	Drilling
LOUISIANA-GREEN CANYON							
Ocean Drlg & Expl/Ben Ocean Lancer	DS	16.75	10	G-D 3000E	25	3000	Drilling
Ocean Drlg & Expl/Ocean Rover	SS	13.65	10	Emsco C3 Type II	25	600	Drilling
Penrod Drlg/72	SS	13.63	10	Nat 1625DE	30	300	Drilling
Penrod Drlg/73	SS			Nat 1625DE	30		Drilling
Penrod Drlg/74	SS	13.63	10	Nat 1625DE	30	1700	Drilling
Penrod Drlg/75	SS	13.63	10	Nat 1625DE	30	2000	Drilling
Penrod Drlg/78	S	13.63	10	Nat 1625E	25		Drilling
Sedco Inc/702	SS	18.75	10	Oilwell E3000	25	1500	Drilling
LOUISIANA-HARVEY							
Mayronne/M-142	P	13.63	5	S/B N12	18		Stacked
LOUISIANA-HIGH ISLAND							
Santa Fe Drlg/Blue Water 2	S	13.63	10	Nat 1625DE	25	55	Drilling

UNITED STATES (Cont'd)

Contractor And • Rig Name or No.	BOP Stack Type •	BOP Stack Size (ID) •	BOP Stack Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½ - in. Pipe, 1000 ft. •	Rated Water Depth •	Status •
LOUISIANA-IBERIA							
Bay Drlg/Matagorda Bay	B	10.00	5	Emsco BL3861	25	14	Stacked
Cliffs Drlg/4	B	13.63	10	MC U1220EB	30		Drilling
CRC Mallard/7	B			Nat 55	11		Workover
Goldrus Marine Drlg/2	B	13.63	10	Oilwl 3000E	30	20	Stacked
Goldrus Marine Drlg/3	B	13.63	10	Oilwl 3000E	30	20	Stacked
Goldrus Marine Drlg/4	B	13.63	10	Oilwl 3000E	30	20	Stacked
Loffland Bros/153	B	10.00	5	Beth 1013	15		Stacked
Loffland Bros/154	B	10.00	5	MC U1220	22		Stacked
Penrod Drlg/40	B	13.63	10	Nat 1625DE	30	20	Stacked
Two R Drlg/Two R-14	B			Wils 250	25	20	Drilling
LOUISIANA-JEFFERSON							
Bay Drlg/Gibbens	B	10.00	5	Nat 130	18	10	Drilling
LOUISIANA-LAFOURCHE							
Blocker Drlg & Marine/East Bay	B						Stacked
Blocker Drlg & Marine/Grand Bay	B						Stacked
Blocker Drlg & Marine/Terrebonne Bay	B	13.63	5	OIME SL9E	20	12	Stacked
Blocker Drlg & Marine/West Bay	B						Stacked
Booker Drlg/11	P	10.00	5	G-D 3000			Stacked
Booker Drlg/15	P	10.00	5	G-D 3000			Stacked
Booker Drlg/50	P	10.00	5	G-D 500			Stacked
Booker Drlg/60	P	10.00	5	G-D 500			Stacked
Booker Drlg/70	P	10.00	5	G-D 500			Stacked
Booker Drlg/80	P	6.00	5	G-D 500			Stacked
Booker Drlg/100	P	6.00	5	G-D 500			Stacked
Booker Drlg/110	P	10.00	5	G-D 500			Stacked
Booker Drlg/120	P	10.00	5	G-D 500			Stacked
Booker Drlg/150	P	10.00	5	G-D 500			Stacked
Glendel Drlg/Mr A W	B	13.63	10	S/B NE12	25	12	Stacked
Glendel Drlg/Mr Baldon	B	13.63	10	S/B NE12	25	20	Drilling
Goldrus Marine Drlg/1	B	13.63	10	Oilwl 3000E	30	20	Stacked
Houtech Energy/III	JU	11.25	10	G-D 700M	10	73	Drilling
Mayronne/M-162	P	13.63	10	Nat 1320UE	20		Stacked
Mayronne/M-172	P	13.63	10	Nat 1320UE	20		Stacked
Noble Drlg/Barge 4	B			Nat 1605	25		Drilling
Pool Offshore Serv/5	B	6.00	5	Wils Mogul 42		10	Workover
Pool Offshore Serv/18	B	7.06	5	Wils Mogul 42	8	12	Workover
Rebstock Drlg/Rig No 5	B	13.63	5	Nat 1320	20	24	Stacked
Rebstock Drlg/2	B	10.00	5	Nat N80	14	12	Stacked
Rebstock Drlg/3	B	10.00	5	G-D 800	13	12	Stacked
Rebstock Drlg/4	B	13.63	5	Oilwl 860	18	12	Stacked

UNITED STATES (Cont'd)

Contractor And • Rig Name or No.	BOP Stack Type •	BOP Stack Size (ID) •	BOP Stack Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½ - in. Pipe, 1000 ft. •	Rated Water Depth •	Status •
LOUISIANA-MAIN PASS							
Booker Drlg/Rig No 170	P	10.00	5	G-D 500			Workover
Booker Drlg/30	P	6.00	5	G-D 500			Workover
Booker Drlg/130	P	10.00	5	G-D 500			Workover
Booker Drlg/140	P	6.00	5	G-D 500			Workover
Booker Drlg/951	P	10.00	5	G-D 1000	8		Drilling
Chiles Drlg/II	P	13.63	10	Nat 1320UE	20		Drilling
Dixilyn-Field Drlg/80	JU	13.63	10	Nat 1320DE	20	370	Drilling
Huthnance Drlg/Vanguard II	JU	13.63	10	Emsco U1220EB	25	300	Drilling
Huthnance Drlg/12	P	13.63	10	MC U1220	25		Drilling
Noble Drlg/26	P	13.63	10	Nat 1320UE	20		Drilling
Ocean Drlg & Expl/Ocean King	JU	13.63	10	Nat 1625	25	300	Drilling
Penrod Drlg/61	JU	13.63	10	Emsco C3	30	340	Drilling
Service Equipment/14	P	13.63	5	Idco E900	14		Drilling
Teledyne Movible Offshore/2	S	13.63	5	Nat 1625DE	25	70	Drilling
Transworld Drlg/47	S	13.63	10	Emsco A1500E	20	70	Drilling
Transworld Drlg/71	JU	13.63	10	Emsco C3 Type II	25	250	Drilling
LOUISIANA-MISSISSIPPI CANYON							
Dual Drlg/25	P	13.63	10	Oilwl E3000	25		Drilling
Western Oceanic/Alaskan Star	SS	18.75	10	Emsco C3	25	1500	Drilling
Western Oceanic/Western Pacesetter III	SS	18.75	10	Emsco C311	25	1200	Drilling
LOUISIANA-MORGAN CITY							
Fluor Drlg Serv/63	P	13.63	10	Nat 1320UE	20		Stacked
LOUISIANA-NEW IBERIA							
Cliffs Drlg/5	B	13.63	10	Idco E3000	30	24	Stacked
LOUISIANA-PLAQUEMINES							
Atlantic Pacific Marine/7	B	13.63	10	Oilwl 2000	25	20	Drilling
Atlantic Pacific Marine/8	B	13.63	10	Oilwl 2000	25	20	Drilling
Atlantic Pacific Marine/10	B	13.63	10	Oilwl E2000	25	20	Drilling
Atlantic Pacific Marine/16							Drilling
Atlantic Pacific Marine/17							Drilling
Bay Drlg/Hebert	B	10.00	5	Emsco BL1013	16.5	10	Stacked
CRC Mallard/11	B	6.00	5	Wils 90	12	14	Workover
Glendel Drlg/Mr Carl	B	13.63	10	S/B NE12	25	12	En Route
Glendel Drlg/Mr George	B	13.63	10	G-D 3000	30	25	Stacked
Noble Drlg/Barge 3	B			Nat 1320UE	20		Drilling
Pool Offshore Serv/14	B	6.00		Wils Super 38			Workover

RIG LOCATOR

For an additional copy of this Rig Locator, as a separately bound unit, check No: **175** on the Reader Service card.

Additional bulk copies of the Rig Locator may be purchased for **$2.00** each. Please send order and check to Service R&D Department,

PETROLEUM ENGINEER INTERNATIONAL, Box 1589, Dallas, Texas 75221.

AUCTION...

. . . WHO NEEDS IT?

YOU . . . IF YOU ARE:

1. Considering Retirement
2. Discontinuing Business
3. Dissolving Partnership or Corporation
4. Liquidating Joint Venture
5. Settling an Estate
6. Completing Project
7. Liquidating Surplus Equipment
8. "Just Plain Fed-Up"

WHAT ARE THE ADVANTAGES?

1. Sell for CASH to YOU!
2. Sell when YOU are ready!
3. Bring the buyers to YOUR market!
4. YOUR price determined by competitive bidding!
5. YOUR complete sale is over in a matter of hours!

YOU decide the time, place, and terms of the Sale.

Successful businessmen are continually letting the Proven Pros at Nelson help solve their problems! What about you?

For confidential consultation in the privacy of your office or ours contact:

BILL ARCHER – 214/561-1150

AUCTIONEERS • LIQUIDATORS • APPRAISERS

NELSON INTERNATIONAL

DALLAS / TYLER / CALGARY

UNITED STATES (Cont'd)

Contractor And • Rig Name or No.	BOP Stack Size (ID) •	BOP Stack, Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½ - in. Pipe, 1000 ft. •	Rated Water Depth •	Status •
LOUISIANA-PLAQUEMINES (Cont'd)						
Shank Drlg/4	B		Emsco C3	30	12	Drilling
Two R Drlg/Two R-12	B		Nat 1625UE	25	12	Drilling
LOUISIANA-SABINE CHANNEL						
Santa Fe Drlg/Choctaw I	SS	18.75	10 Nat 1320UE	20	800	Stacked
Santa Fe Drlg/Mariner 3	SS	16.75	10 Oilwell E2000	20	800	Stacked
LOUISIANA-SABINE PASS						
Houston Offshore Intl/Sabine I	JU	13.63	10 Nat 1320UE	20	200	Drilling
Ocean Drlg & Expl/Ocean Queen	SS	13.63	5 Emsco A1500	25	1200	Stacked
Ocean Drlg & Expl/St Louis	S	13.63	5 Emsco EDES	25	30	Available
LOUISIANA-SHIP SHOAL						
Booker Drlg/14	P	10.00	5 G-D 3000			Workover
Booker Drlg/80	P	10.00	5 G-D 500			Workover
Marlin Drlg/6	JU	13.63	10 Nat 1625DE	30	300	Drilling
Noble Drlg/S-55	SS	13.63	10 Nat 1625DE	25	80	Drilling
Ocean Drlg & Expl/Mr Charlie	S	13.63	5 Emsco EDES	25	40	Drilling
Ocean Drlg & Expl/Ocean Chief	JU	13.63	5 Emsco A1500	25	224	Drilling
Ocean Drlg & Expl/Ocean Explorer	SS	13.63	5 Emsco EDES	25	600	Drilling
Ocean Drlg & Expl/Ocean Pride	JU	13.63	5 Nat 110	25	152	Drilling
Penrod Drlg/97	JU	13.63	10 Nat 1320DE	250	250	Drilling
Pool Offshore/3	P		Nat T45	6		Drilling
Rowan Co/Rowan Fort Worth	JU	13.63	10 Nat 1625	25	300	Drilling
Service Equipment/21	P	13.63	10 Idco 2100	25		Drilling
Transworld Drlg/54	S	13.63	5 Emsco B3661	20	175	Drilling
Transworld Drlg/72	S	13.63	10 Oilwell E3000	25	100	Drilling
LOUISIANA-SOUTH MARSH ISLAND						
CRC Mallard/44	P	10.00	Wils 65	14		
Griffin-Alexander Drlg/II	JU	13.63	10 MC EB1200	25	200	
Keyes Offshore/Keyes 300	JU	13.63	10 Emsco C2	20	250	Drilling
Ocean Drlg & Expl/John Hayward	S	10.00	5 Emsco EDA	25	30	Drilling
Ocean Drlg & Expl/Ocean Scout	SS	13.63	10 Emsco C3 Type II	25	600	Drilling
Ocean Drlg & Expl/Ocean Star	JU	13.63	5 Nat 1320UE	25	173	Drilling
Pool Offshore/5	P	10.00	5 Nat T45	6		Drilling
Pool Offshore/140	P					Drilling
Pool Offshore/423	P	13.63	5 OIME 1000E	12		Drilling
Transworld Drlg/85	S	13.63	10 Emsco C3 Type II	35	70	Drilling
LOUISIANA-SOUTH PASS						
Bokenkamp Drlg/2	P	13.63	10 Oilwell E2000	25		
Booker Drlg/952	P	13.63	5 G-D 1000	8		Drilling
Dual Drlg/12	P	13.58	10 Emsco C2	25		Drilling
Dual Drlg/24	P	13.63	10 Oilwell E2000	25		Drilling
Dual Drlg/38	P	13.63	10 Oilwell E3000	30		Drilling
Helmerich & Payne Intl Drlg/101	P	13.63	5 Nat 110UE	20		Drilling
Huthnance Drlg/14	P	13.63	10 MC U1220	25		Completion
Keydrill/Aleutian Key	SS	18.75	10 Oilwell E3000	30	3000	Drilling
Marlin Drlg/7	SS	13.63	10 Nat 1625DE	30	1000	Drilling
Pool Offshore/9	P	13.63	5 Nat T45	6		Drilling
LOUISIANA-SOUTH PELTO						
Ocean Drlg & Expl/Ocean Viking	SS	13.63	10 Emsco A1500	25	600	Drilling
LOUISIANA-SOUTH TIMBALIER						
Marlin Drlg/4	JU	13.63	10 Nat 1625DE	25	150	Drilling
Noble Drlg/Sam Noble	JU		Oilwell E3000	25		Drilling
Ocean Drlg & Expl/Ocean Conquest	JU	13.63	10 Emsco C2	25	250	Drilling
Ocean Drlg & Expl/Ocean Patriot	JU	13.63	10 Nat 1320ME	25	152	Drilling
Ocean Drlg & Expl/Odeco Seven	S	13.63	5 Idco E2500	25	35	Stacked
Penrod Drlg/38	P	13.63	10 Nat 1320UE	30	300	Drilling
Penrod Drlg/59	JU	13.63	10 Nat 1625DE	30	220	Drilling
Penrod Drlg/89	JU	13.63	10 Nat 1320UE	25		Drilling
Penrod Drlg/90	JU	13.63	10 Nat 1320UE	25		Drilling
Service Equipment/3	P	10.00	5 Cbot 1267	9		Workover
Service Equipment/5	P	10.00	5 OIME 750	11		Workover
Service Equipment/7	P	10.00	5 OIME 750	11		Workover
Service Equipment/12	P	11.00	5 Idco E900	14		Drilling
LOUISIANA-ST BERNARD						
CRC Mallard/14	B	6.00	5 Wils 90	12	14	Workover
CRC Mallard/17	B	10.00	5 Wils 90	14	14	Drilling
CRC Mallard/20	B	10.00	5 Wils 90	12	14	Drilling
CRC Mallard/18	B	10.00	5 Wils 90	12	14	Drilling
Temple Drlg/Tonkawa	B	13.63	10 Idco E3000	30	20	Drilling
Two R Drlg/Two R-17	B		Emsco CEC3	25	22	Drilling
LOUISIANA-ST MARTIN						
CRC Mallard/12	B	10.00	5 Wils 90	12	14	Workover
Two R Drlg/Two R-15	B		Emsco C3	25	10	Drilling
LOUISIANA-ST MARY						
Atlantic Pacific Marine/9	B	13.63	10 Oilwell E2000	25	20	Drilling
Atlantic Pacific Marine/11	B	13.63	10 Oilwell E2000	25	13	Drilling
Bay Drlg/Mr Harvy	B	10.00	5 Nat 1625M	25	12	Drilling
Cactus Intl/101	P	13.63	5 Emsco Electroholst II	25		
Cactus Intl/102	P	13.63	5 Emsco C2	25		
Cactus Intl/103	P	13.63	5 Oilwell E2000	25		
Cactus Intl/104	P	13.63	5 Emsco Electroholst II	25		
Cactus Intl/162	P	13.63	5 Emsco A1500	25		
Cactus Intl/163	P	13.63	5 Emsco Electroholst II	25		
Cactus Intl/165	P	13.63	5 Oilwell E2000	25		
CRC Mallard/4	B		Nat 80	11		Workover

UNITED STATES (Cont'd)

Contractor And • Rig Name or No.	BOP Stack Size (ID) •	BOP Stack, Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½ - in. Pipe, 1000 ft. •	Rated Water Depth •	Status •
LOUISIANA-ST MARY (Cont'd)						
Dolphin Titan Intl/101	JU	6.00	5 Idco H36D	15	70	Stacked
Dolphin Titan Intl/104	JU	10.00	5 Idco H35D	15	70	Stacked
Dolphin Titan Intl/122	P	13.63	5 Nat 115UE	18		Stacked
Dolphin Titan Intl/123	P	13.63	Idco E1700	20		Stacked
Dolphin Titan Intl/124	P	13.63	5 MC U1220EB	20		Stacked
Dolphin Titan Intl/126	P	13.63	5 MC U1220EB	20		Stacked
Dolphin Titan Intl/127	P	13.63	10 Emsco C3 Type II	25		Stacked
Houtech Energy/II	JU	11.25	10 G-D 700M	10	73	Drilling
Penrod Drlg/31	P	13.63	10 Nat 110UE	16.5	300	Stacked
Penrod Drlg/32	P	13.63	10 Nat 1320UE	25	250	Stacked
Penrod Drlg/34	P	13.63	10 Nat 110UE	16.5	300	Stacked
Penrod Drlg/35	P	13.63	10 Nat 1320UE	18.5	300	Stacked
Penrod Drlg/37	P	13.63	10 Emsco C2	25	300	Stacked
Penrod Drlg/38	P	13.63	10 Nat 1320UE	25	300	Stacked
Shank Drlg/3	B	10.00	5 Beth B3861	25	12	Stacked
LOUISIANA-TERREBONNE						
Atlantic Pacific Marine/Ranger III	JU	10.00	5 G-D DW500R	9	70	Drilling
Atlantic Pacific Marine/Ranger IV	JU	10.00	5 Oilwell 660	9	73	Drilling
Atlantic Pacific Marine/12	B	13.63	5 Oilwell E2000	25	13	Drilling
Atlantic Pacific Marine/14	B	13.63	5 Oilwell E2000	25	13	Drilling
Cliffs Drlg/1	B	13.63	10 MC U1220EB	30	18	Drilling
Harris Well Serv/16	B	7.16	5 MC U36A	10	12	Drilling
Houtech Energy/I	JU	11.25	10 G-D 700M	10	73	Drilling
Loffland Bros/4	P	13.63	5 MC U1220BE	22		Stacked
Loffland Bros/17	P	13.63	5 MC U1220BE	22		Stacked
Loffland Bros/74	P	13.63	5 MC U1220BE	22		Stacked
Loffland Bros/75	P	13.63	5 MC U1220BE	22		Stacked
Loffland Bros/78	P	13.63	5 MC U1220BE	22		Stacked
Loffland Bros/143	B	10.00	5 MC U1220	22		Stacked
Map Drlg/1	B	7.06	5 Oilwell 66	11	8	Stacked
Penrod Drlg/41	B	13.63	10 Nat 1625DE	30		Stacked
Penrod Drlg/42	B	13.63	10 Nat 1625DE	30	20	Stacked
Penrod Drlg/43	B	13.63	10 Nat 1320DE	25	12	Stacked
Penrod Drlg/44	B	13.63	10 Nat 1625DE	30	10	Stacked
Penrod Drlg/45	B	13.63	10 Nat 1625DE	30	20	Stacked
Penrod Drlg/47	B	13.63	10 Emsco A1500E	25	16	Stacked
Penrod Drlg/48	B	13.63	10 Nat 1625DE	30	20	Stacked
Penrod Drlg/49	B	13.63	10 Nat 1625DE	30	20	Stacked
Penrod Drlg/50	S	13.63	10 Emsco A1500E	35	50	Stacked
Shank Drlg/2	B	10.00	5 Wils 150-2000	18	10	En Route
Two R Drlg/Two R-1	B		Beth B3861	25	10	Stacked
Two R Drlg/Two R-19	B		Emsco C3	25	12	Drilling
Two R Drlg/Two R-20	B		Emsco C3	25	12	Drilling
Two R Drlg/Two R-22	B		Emsco C3	30	10	Drilling
LOUISIANA-VERMILION						
CRC Mallard/5	B		Nat 80B	11		Workover
Glendel Drlg/Mr Del	B	13.63	10 S/B NE12	25	20	Stacked
Griffin-Alexander Drlg/VI	JU	13.63	10 MC EB1220	25	200	
Huthnance Drlg/Acadian Spirit	JU	13.63	10 Emsco C2	25	112	Drilling
Keyes Offshore/Keyes 303	JU	13.63	10 Emsco C3	25	300	Drilling
Noble Drlg/NN-1	JU		G-D 1500	20	12-45	Drilling
Noble Drlg/PB-3	B		Nat 1625DE	25		Drilling
Noble Drlg/28			G-D 1500E	20		Drilling
Phoenix Management/Big Foot One	JU	10.63	10 G-D 2100E	25	85	Drilling
Teledyne Movible Offshore/17	JU	13.63	10 Emsco C3 Type 2	25	250	Workover
Teledyne Movible Offshore/18	JU	13.63	10 Emsco C3 Type II	25	250	Stacked
Teledyne Movible Offshore/19	JU	13.63	10 Emsco C3 Type 2	25	250	Drilling
Teledyne Movible Offshore/20	JU	13.63	10 Emsco C3 Type 2	25	250	Stacked
Transworld Drlg/88	S	13.63	10 Emsco C3 Type II	25	100	Drilling
Two R Drlg/Two R-10	B		Nat 1320M	20	10	Drilling
Western Oceanic/Nike I	JU	13.63	10 Nat 1320	20	150	Drilling
LOUISIANA-WEST CAMERON						
Chiles Drlg/Gulfstream	JU	13.63	10 Nat 110UE	18	150	Drilling
Dixilyn-Field Drlg/83	JU	13.63	10 Nat 1320UE	20	250	Drilling
Dixilyn-Field Drlg/84	JU	13.63	10 Nat 1320UE	20	250	Drilling
Houston Offshore Intl/Sabine IV	JU	13.63	10 Nat 1320UE	20	200	Drilling
Houston Offshore Intl/Sabine V	JU	13.63	10 Nat 1320UE	20	200	Drilling
Huthnance Drlg/Charger I	JU	21.25	2 MC U1220EB	25	150	Drilling
Huthnance Drlg/Charger II	JU	13.63	10 MC U1220EB	25	150	Drilling
Keyes Offshore/Keyes 302	JU	13.63	10 Emsco C2	20	300	Drilling
Ocean Drlg & Expl/Barge A	S	14.00	5 Idco 2500	25	70	Drilling
Ocean Drlg & Expl/Gulfside	JU	13.63	10 Nat 1625DE	25	250	Drilling
Ocean Drlg & Expl/Ocean Traveler	SS	13.63	10 Nat 1625DE	25	600	Drilling
Penrod Drlg/53	JU	13.63	10 Nat 1625DE	30	300	Stacked
Penrod Drlg/54	JU	13.63	10 Nat 1625DE	30	300	Stacked
Penrod Drlg/55	JU	13.63	10 Nat 1625DE	30	150	Stacked
Penrod Drlg/84	JU	13.63	10 Nat 1320UE	25	250	Drilling
Penrod Drlg/86	JU	13.63	10 Nat 1320UE	25	250	Drilling
Pool Offshore Serv/903	P	2.50	5 Wils Super Salen Offshore/Salenergy VI			Drilling
Savage Drlg/Ponca	JU	13.00	10 Nat 1320UE	25	150	Drilling
Temple Drlg/Cheyenne	JU	13.63	10 Oilwell E2500	25	200	Drilling
Temple Drlg/Comanche	JU	13.63	10 Oilwell E2000	25	150	Drilling
Transworld Drlg/59	JU	13.63	5 Nat 1320UE	20	125	Drilling
Transworld Drlg/89	S	13.63	10 Oilwell E3000	25	100	Drilling
Western Oceanic/Western Delta	JU	13.63	5 Nat 80UE	15	173	Drilling
LOUISIANA-W COTE BLANCHE BAY						
Bay Drlg/Terrebonne Bay	B	11.00	5 Nat 1625	25	10	Drilling

Contractor And • Rig Name or No.	BOP Stack Size (ID) • Type •	BOP Stack Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½ - in. Pipe, 1000 ft. •	Rated Water Depth, ft •		Status •
UNITED STATES (Cont'd)							
LOUISIANA-WEST DELTA							
Bokenkamp Drlg/4	P	13.63	10 Oilwell E2000	25			
Booker Drlg/6	P	2.50	5 G-D 3000				Workover
Booker Drlg/10	P	10.00	5 G-D 3000				Workover
Booker Drlg/950	P	13.63	5 G-D 1000	10			Completion
Dixilyn-Field Drlg/76	S	13.63	10 S/B N12A	20	80	Drilling	
Fluor Drlg Serv/Mr Gus II	JU	13.63	5 Nat 160E	25	150	Drilling	
Fluor Drlg Serv/Mr Sam	JU	13.63	10 G-D 1500RE	25	155	Drilling	
Huthnance Drlg/15	P	13.63	5 MC U1220	25		Drilling	
Mayronne/M-152	P	13.63	5 S/B N20	18		Drilling	
Penrod Drlg/60	JU	13.63	10 Emsco C3	30	330	Drilling	
Penrod Drlg/63	JU	13.63	10 Nat 1320UE	25	250	Drilling	
Phoenix Management/The Mr Ray	B	10.63	10 G-D 2100E	30	8.5	Drilling	
Pool Offshore Serv/17	P	2.50	5 Wils Super 38			Workover	
Service Equipment/6	P	10.00	5 OIME 750	11		Workover	
Zapata Offshore/Zapata Neptune	SS	18.75	10 Nat 1625	25	1500	Drilling	
MISSISSIPPI-GULFPORT							
Cliffs Drlg/6	B	13.63	10 Idco E3000	30	24	Stacked	
TEXAS-UNDESIGNATED							
Bokenkamp Drlg/1	P	13.63	10 Oilwell E2000	25		Stacked	
Bokenkamp Drlg/3	P	13.63	10 Oilwell E2000	25		Stacked	
Broughton Offshore Drlg/Broughton I	JU	13.63	10 Oilwell E3000	30	105	Drilling	
CRC Mallard/46		13.63	Wils 65	12.5		Stacked	
Diamond M/97	P	13.63	10 Oilwell E2000	20		Drilling	
Dolphin Titan Intl/125	P	13.63	5 Nat 1320UE	20		Drilling	
Marine Drlg/J Storm III	JU	13.63	10 Nat 1625M	25	250	Drilling	
Marine Drlg/J Storm IX	JU	13.63	10 Nat 1320	20	195	Drilling	
Marine Drlg/J Storm VI	JU	13.63	10 Nat 1625M	25	250	Drilling	
Marine Drlg/J Storm VIII	JU	13.63	10 Nat 1320	20	150	Drilling	
Marine Drlg/J Storm X	JU	13.63	10 Nat 1320	20	250	Drilling	
Marine Drlg/J Storm XII	JU	13.63	10 Nat 1320	20	200	Drilling	
Marine Drlg/J Storm XIV	JU	13.63	10 Nat 1320	20	200	Drilling	
Marine Drlg/J Storm XV	JU	13.63	10 Nat 1625M	25	250	Drilling	
Marine Drlg/J Storm XVI	JU	13.63	10 Nat 1320	20	250	Drilling	
Marine Drlg/J Storm XVIII	JU	13.63	10 Nat 1320M	25	250	Drilling	
Nicklos Drlg/83	P		Nat 110UE	18		Stacked	
Nordrill Intl/Falcon	JU	13.63	10 Emsco C2	25	200	Drilling	
Nordrill Intl/Fjelldrill	JU	13.63	10 Nat 1625UE	25	250	Drilling	
Pool Offshore/53	JU	10.00	5 OIME 750	12	90	Drilling	
Pool Offshore Serv/22	B	11.00	5 Wils Super Giant	12	12	Drilling	
Pool Offshore Serv/24	B	11.00	5 Wils Super Giant	12	12	Drilling	
Quarles Drlg/20	B	11.00	10 Idco E3000	25	18	Stacked	
Skinner Marine/Skinner II	P	13.63	5 Oilwell E2000	20	185	Stacked	
Skinner Marine/Skinner III	P	13.63	5 Oilwell E2000	20	185	Stacked	
Zapata Offshore/34	P		Idco E3000			Drilling	
TEXAS-BRAZOS							
Fluor Drlg Serv/Mr Dave	JU	13.63	10 Nat 1320UE	20	250	Drilling	
Fluor Drlg Serv/62	P	13.63	10 Nat 1320UE	20		Drilling	
Noble Drlg/29	P	13.63	10 Oilwell E2000	20		Drilling	
Rowan Co/Rowan Odessa	JU	13.63	10 Nat 1625	25	380	Drilling	
Transworld Drlg/62	JU	13.63	10 Emsco C3 Type II	25	300	Drilling	
TEXAS-CALHOUN							
Dixilyn-Field Drlg/50	B	10.00	5 Nat 130	20	8	Drilling	
Rio Grande Drlg/4	B	13.63	10 Nat 1320M	25	14	Drilling	
TEXAS-CHAMBERS							
Cliffs Drlg/2	B	13.63	10 MC U1220EB	30		Drilling	
MGF Drlg/37	B	6.00	5 G-D 500	9	10	Workover	
Penrod Drlg/46	B	13.63	10 Emsco ECB	20	16	Stacked	
Rio Grande Drlg/1	B	13.63	5 Nat 110M	10	14	Drilling	
TEXAS-EAST BREAKS							
Marlin Drlg/5	P	13.63	10 Nat 1320DE	20		Drilling	
Reading & Bates/Rig 40	P	13.63	10 Nat 1625	16		Drilling	
Service Equipment/15	P	13.63	10 Idco E900	17		Drilling	
TEXAS-GALVESTON							
Cliffs Drlg/Cliffs LaSalle	JU	13.63	10 Nat 1320UE	25		Drilling	
Keyes Offshore/Keyes 301	JU	13.63	10 Emsco C2	20	300	Standby	
MGF Drlg/31	B	10.00	5 Oilwell 76	12	10	Drilling	
Rowan Intl/Rowan-New Orleans	JU	13.63	5 Nat 1324UE	25	225	Drilling	
Transworld Drlg/64	JU	13.63	10 Oilwell E3000	25	300	Drilling	

Contractor And • Rig Name or No.	BOP Stack Size (ID) • Type •	BOP Stack Pressure Rating, 1,000 psi •	Drawworks Make And Model •	Rated Depth With 4½ - in. Pipe, 1000 ft. •	Rated Water Depth, ft •		Status •
UNITED STATES (Cont'd)							
TEXAS-GARDEN BANK							
Rowan Co/Rowan Midland	SS	13.63	10 Nat 1625	25	600	Drilling	
TEXAS-HIGH ISLAND							
Booker Drlg/8	P	2.50	5 G-D 3000				Workover
Booker Drlg/20	P	6.00	5 G-D 500				Workover
Booker Drlg/160	P	10.00	5 G-D 500				Workover
Cliffs Drlg/Cliffs Marquette	JU	13.63	10 Nat 1320UE	25	180	Drilling	
Dixilyn-Field Drlg/77	S	13.63	10 Nat 1625DE	30	85	Drilling	
Dixilyn-Field Drlg/86	JU	13.63	10 Nat 1320UE	20	200	Drilling	
Fluor Drlg Serv/Mr Si	JU	13.63	10 Nat 1625DE	30	350	Drilling	
Griffin-Alexander Drlg/VII	JU	13.63	10 MC EB1220	25	250		
Huthnance Drlg/11	P	13.63	5 MC U1220	25		Drilling	
Loffland Bros/76	P	13.63	5 MC U1220BE	22		Drilling	
Penrod Drlg/66	JU	13.63	10 Nat 1625DE	30	210	Drilling	
Penrod Drlg/70	SS	13.63	10 Nat 1625DE	30		Drilling	
Penrod Drlg/91	JU	13.63	10 Nat 1320UE	25		Drilling	
Penrod Drlg/201	S	13.63	10 Nat 1320UE	25		Drilling	
Phoenix Management/Big Foot Two	JU	10.63	10 G-D 2100E	25	85	Drilling	
Phoenix Management/The Mr Ric	JU	13.63	10 G-D 2100E	20	100	Drilling	
Reading & Bates/Leo M Clark	PT	13.63	10 Nat 110M	10		Drilling	
Rowan Intl/Rowan-Houston		13.63	10 Nat 1325UE	25	225	Drilling	
Salen Offshore/Salenergy V	JU	13.63	10 MC U1220BE	20	250	Drilling	
Service Equipment/4	P	10.00	5 OIME 500	9		Workover	
Service Equipment/9	P	10.00	5 OIME 750	11		Workover	
Service Equipment/10	P	10.00	5 OIME 750	10		Workover	
Teledyne Movible Offshore/4	P	13.63	5 Nat 110UE	10		Workover	
Transworld Drlg/73	S	13.63	10 Oilwell E3000	25	100	Drilling	
Western Oceanic/Western Triton IV	JU	13.63	10 Emsco C2	20	250	Drilling	
TEXAS-INGLESIDE							
Magnum Marine/R M Womack	JU	13.63	10 Sup 2000E	25	100	Stacked	
Magnum Marine/R N Haskin	JU	13.63	10 Sup 2000E	25	100	Stacked	
Marine Drlg/Stormdrill V	JU	13.63	10 Nat 130	20	115	Stacked	
TEXAS-JEFFERSON							
Dixilyn-Field Drlg/51	B	10.00	5 Nat 110	10	10	Drilling	
TEXAS-MATAGORDA							
Griffin-Alexander Drlg/V	JU	13.63	10 MC EB1220	25	200		
JFP Well Serv/JFP Five	JU	13.63	10 Oilwell E2000	25/5"	120	Stacked	
TEXAS-MATAGORDA ISLAND							
Houston Offshore Intl/Nueces I	JU	13.63	10 Nat 1320UE	16	115	Drilling	
Loffland Bros/79	P	13.63	5 MC U1220BE	22		Drilling	
Noble Drlg/Ed Holt	JU		Oilwell E3000	25		Drilling	
Ocean Drlg & Expl/Ocean Champion	JU	13.63	10 Nat 1625DE	25	250	Drilling	
Penrod Drlg/30	P	13.63	10 Nat 1320UE	25	250	Drilling	
Penrod Drlg/69	JU	13.63	10 Nat 1625DE	30	330	Drilling	
Penrod Drlg/88	JU	13.63	10 Nat 1320UE	25	250	Drilling	
Rowan Co/Rowan Paris	JU	13.63	10 Nat 1625	25	300	Drilling	
Transworld Drlg/50	JU	13.63	5 Nat 55	12	70	Stacked	
TEXAS-MUSTANG ISLAND							
Dual Drlg/23	P	13.63	10 Oilwell E3000	25		Drilling	
Houston Offshore Intl/Sabine II	JU	13.63	10 Nat 1320UE	20	200	Drilling	
Huthnance Drlg/Vanguard I	JU	13.63	10 MC U1220EB	25	300	Drilling	
Keydrill/Kay Manhattan	JU	13.63	10 Nat 1625DE	25	300	Drilling	
Marlin Drlg/3	JU	13.63	10 Nat 1625DE	25	250	Drilling	
Nicklos Drlg/81	P		Nat 1320UE	20		Drilling	
Penrod Drlg/68	JU	13.63	10 Nat 1625DE	30	330	Drilling	
Penrod Drlg/83	JU	13.63	10 Nat 1320DE	25	250	Drilling	
Rowan Co/Rowan Louisiana	JU	13.63	10 Nat 1625DE		300	Drilling	
Teledyne Movible Offshore/16	JU	13.63	10 Emsco C3 Type 2	25	250	Completion	
Western Oceanic/Western Triton III	JU	13.63	10 Emsco C2	20	250	Drilling	
TEXAS-NORTH PADRE ISLAND							
Fluor Drlg Serv/Mr Mel	JU	13.63	10 Nat C1625DE	30	350	Drilling	
Rowan Intl/Rowan Anchorage	JU	13.63	5 Nat 1320UE	25	225	Drilling	
VIRGINIA-UNDESIGNATED							
Sonat Offshore Drlg/Discoverer Seven Seas	DS	16.75	10 Emsco C3 Type II	25	7500	Drilling	